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BECKERT'S SEED STORE

1915

101 & 103 FEDERAL ST.
NORTH SIDE
PITTSBURGH
PENNA.

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Remarks to Purchasers

READ CAREFULLY BEFORE ORDERING

Name and Address. Write your **Name, Post Office, County** and **State** as distinctly as possible. Some orders reach us which give neither name nor location. In such cases it is impossible for us to fill orders until we again hear from the senders.

Use the Order Sheet. Make out your list of requirements consecutively in the order as given in the Catalogue, placing the quantity wanted before the article, and the price of the same in the column to the right; and always keep a copy of your orders.

Correspondence should not be intermingled with the body of the order, but written either at the bottom of the Order Sheet or on a separate sheet of paper.

Remittances. The safest method of sending money is by **Post-Office Orders.** Where they are not obtainable, it can be sent by Express Money Orders, Registered Letter, or Draft on New York. For small amounts, postage stamps will be acceptable.

When the Remittance is not sufficient to pay for the quantity of seeds ordered, we will reduce the quantity to correspond with the remittance.

Errors. All possible precautions are taken to avoid their occurrence. Notify us at once if your order is not properly filled, and we will promptly make the necessary corrections.

Substitutions. As the season advances some stocks of seeds are exhausted, so it is advisable when late orders are sent to name a few substitutes. We make substitution only when requested to do so, sending varieties that will as fully cover the indicated wants as our stock will permit. If not so instructed, the remittance will be refunded.

Send us Your Order as Early as Possible. It will facilitate its prompt execution, and you will have your seed when you are ready to plant.

Parcel Post. Seeds and bulbs can now be sent by parcel post at the same rates as general merchandise. See inclosed table of parcel-post rates for all zones.

Seeds by Express. Seeds can now be forwarded at 20 per cent less than merchandise rates; a saving to the buyer of one-fifth over previous rates.

Shipments by Freight. Seeds in bulk, implements and other heavy goods are shipped by freight, and unless there is a freight agent at point of destination, the freight must be prepaid, the purchaser advancing the same, unless otherwise arranged. Our facilities for shipping to points south of Pittsburgh on the Ohio River and connecting streams are excellent, steamers plying daily between this and southern points.

Catalogues are sent free to all our customers of the **past year.** Should any change their place of residence, we desire to be informed, that we may correct the address in our Catalogue list. Our local customers, who purchase over our counters, will please give their correct address when making their first annual purchase; this will insure their receiving Catalogues the following year by mail. Many of our patrons who desire our Catalogues fail to receive them because their post-office address is unknown to us.

Non-Warranty. We do not warrant in any way, expressed or implied, the contents or description, quality, productiveness, or any other matter of any seeds, bulbs or plants sold by us, and we will not be in any way responsible for the crop. If the purchaser does not accept goods on the above terms, no sale is made thereof, and he must return them at once and money will be refunded. We make all sales, at the prices quoted in this Catalogue, subject to the above conditions.

BECKERT'S SEED STORE

BELL PHONES
9 and 236 Cedar

101 and 103 Federal St., North Side, PITTSBURGH, PA.

Beckert's Superior Seeds for Home and Market-Gardens.

SEEDS OF SUPERIOR QUALITY AND STRONG VITALITY

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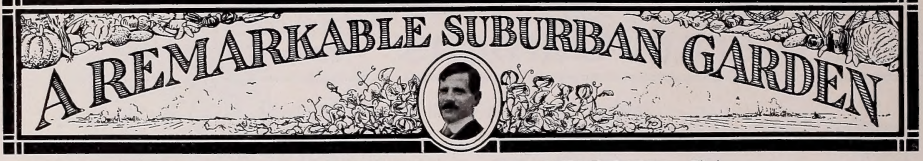
Situations for Gardeners. We have at all times applications from reliable and experienced men seeking situations as Head or Assistant Gardeners. Write us when in need of a Gardener, and we will place you in communication with such parties.



BY H. E. CLINGMAN ~ EMSWORTH, PA.

Few people who are employed indoors throughout the year, and naturally wish to be out of bounds of brick walls when possible, particularly during the beautiful springtime, realize what pleasure and profit there is in a backyard garden.

I have found nothing quite equal to the pleasure of planning, planting and caring for a garden. As a diversion from one's usual vocation, it is a most healthful recreation, and helps materially to reduce the cost of living, and it can also be made to provide a substantial income for the children.

The two garden plots I have measure together, 47 x 50 feet. This small garden has produced, during seven years, all the fresh vegetables that we (a family of six) could use, besides those that were canned and stored for winter use. In addition, my son, three years ago added $32 to his educational savings account; over $60 two years ago, and $84.45 last year from the vegetables he sold that we could not use. This required only an hour or two of his time each morning during school vacations, and did not interfere with the pleasures of which a boy fifteen years of age is so fond.

The measure of success in gardening depends entirely upon the careful preparation of the soil; selection of seeds; knowing when and how to plant, and attention when growing. Any plot of ground, devoted to gardening, even if only a few feet square, will well repay one for the effort and time expended.

The time to plan for the best results in gardening is the fall before, when the ground should be spaded deep and thoroughly. This permits the soil to be worked more easily in the spring and, by turning over the usual plant-growth or sod, enriches it.

Early in the winter fertilizer should be applied—preferably barnyard manure. The amount used depends upon the condition of the soil, but it is better to use too much than too little.

As soon in the spring as the ground can be worked, an application of slaked lime is advisable; then again spaded thoroughly, turning over the manure and lime.

My experience has taught me that much depends upon the careful selection of seeds. Their cost is so small compared with what they produce that plenty of seeds should be purchased, and only from the most reliable seed stores. It is only reasonable to assume that good seeds, true to name and fresh, are to be purchased from firms that are established for that purpose only.

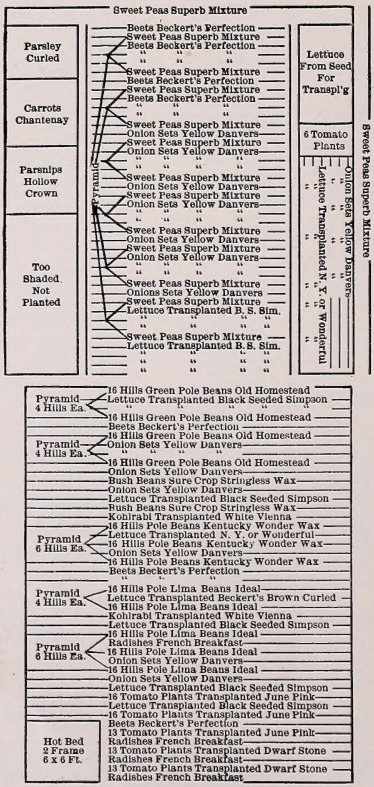
During the winter months I enjoyed planning how and when to plant the various vegetables. As I had previously kept a complete record of these facts, as well as expenses incurred, together with amounts of each sold, I was able to lay the garden out a long while before planting.

As the only spare time I had was an hour or two each evening and Saturday afternoons, I spaded just enough to enable me to plant that amount at one time, probably only a row or two.

I planted Lettuce about March 10 for transplanting; I did this so as to get the plants early and not to interfere with the general arrangement of the long rows I had adopted. Lettuce will stand considerable cold weather, especially when covered by a light fall of snow.

About two weeks later I began in earnest to plant the garden, beginning with Sweet Peas and the hardiest vegetables first. Early planting is important, because early vegetables grow better and command better prices, and also permit growing two or more crops in the same soil. Care should be taken to plant the garden in an orderly manner, because it looks much better and is more easily cultivated.

Both diagrams show how all rows were planted 10 inches apart, measured accurately, and a string was drawn tightly the length of the rows, as a guide.



Success means work

Some vegetables, such as Beans of all kinds, Tomatoes, etc., as well as Sweet Peas, require considerable space, on account of the large amount of foliage, and also require a longer time to mature. Other vegetables, such as Onions, Radishes and Lettuce have very little foliage and develop much more quickly. These were planted between the rows of the slow-growing vegetables, and when matured and removed there remained plenty of room for the others.

Some plants such as Lettuce, Beets, Tomatoes and Kohlrabi are easily transplanted and are benefited by it. The ideal time to do this is immediately following a rainfall or during cloudy weather. Yet if care is used a fair degree of success will attend one's effort under less favorable conditions. Remove plenty of earth with the plants and if they do not separate easily immerse the roots for a few minutes in water. They should then be set out as quickly as possible and watered freely.

Remember that most plants grow from the bud or center and even if the outer leaves appear wilted they will continue to grow. It is even advisable, particularly with Beets, to pinch off most of the outer foliage and even a portion of the roots; this will permit the plants to grow more freely.

The method of hoeing, as was practised by farmers a score of years ago, is unnecessary. Keep the ground as level as possible so as to retain the rainfall. With a narrow hoe keep the weeds cut down. The only cultivation necessary is to loosen the soil occasionally to a depth of an inch or two; this will create a mulch about the roots of the plants and will retard evaporation.

Should bugs or insects become troublesome, immediately apply an insecticide; arsenate of lead may be used with good results. Two or three applications will usually be sufficient.

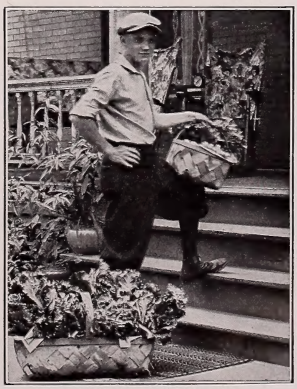
In choosing the vegetables adopted for a second crop, because they grow quickly, one should be governed by the season. Beans can be grown successfully any time after danger of frost is past; Radishes, Lettuce and Onions can be grown successfully only either in the early or late summer.

Lettuce is no doubt the most profitable crop in a small garden. The seed costs so little, it can be planted very early, requires little space, grows quickly and is much in demand. Onions grown from sets are almost equally profitable.

Sweet Peas were grown the first few seasons for our own use only, but the past two or three years we grew more than we required, and it was surprising how readily they were sold and how well they paid.

When the Sweet Peas are only an inch or two high, provision should be made for them to vine or climb. I have found nothing better than string for this purpose. Wire, if used, will become very hot during the warm summer days and cause the vines to wilt.

In any residential section, an ambitious boy can easily sell all the vegetables that can be grown in an ordinary garden. If he can be depended upon to call regularly, with vegetables absolutely fresh and clean, he can establish a line of customers who will welcome and pay him the regular market prices, which are usually fair.



A step in the right direction

June sees "Everything Upward Striving"

The amount of money expended for seeds and fertilizer last season, together with a list of vegetables sold, follows:

EXPENSES

Fertilizer	$5 00
Tomato Seed, June Pink	10
Kohlrabi	10
Beets, ¼lb.	25
Lettuce, ¼lb.	40
Onion Sets, Yellow Danvers, 1 bus.	3 00
Radishes, Non Plus Ultra, ¼lb.	18
Beans, Sure-Crop Stringless Wax, 1 qt.	35
" Green-Pod Stringless, 1 qt.	25
" Yellow Kentucky Wonder, 1 pt.	15
" Green Old Homestead, 1 pt.	15
Parsnips, Hollow Crown, 1 oz.	10
Carrots, Chantenay, 1 oz.	10
Sweet Peas, Superb Mixed, 2 lbs.	1 40
Lima Beans, 1 qt.	35
Cucumbers, White Spine, 1 oz.	10
Beans, Yellow Bush, 1 qt.	25
	$12 23

RECEIPTS

Lettuce	$22 50
Onions	20 50
Sweet Peas	18 20
Beans	9 05
Beets	4 60
Lima Beans	3 13
Radishes	2 95
Parsley	1 17
Kohlrabi	1 15
Carrots	45
Tomatoes	40
Cucumbers	35
	$84 45

An approximate estimate of the value of the vegetables we used and have for winter use, $50. . . . . Total, $134 45

Beckert's Superior Vegetable Seeds for Home and Market-Gardens

SEEDS OF SUPERIOR QUALITY AND STRONG VITALITY

Our Vegetable Seed Department embraces nearly all varieties that are desirable or of known value, together with the more important of recent introductions. The list has been carefully selected, and the descriptions given are chiefly derived from our own experience and observation. We have endeavored to make them as accurate and helpful as possible, to aid the purchaser in making selections.

SEEDS BY MAIL. **We pay postage on seeds in packets, ounces and quarter-pounds. For larger quantities, add to your remittance postage according to your zone rate.**

PARCEL-POST RATES

Parcels of seeds and bulbs weighing 8 ounces or less, must pay postage to all zones at the rate of 1 cent for each two ounces.

Parcels of general merchandise weighing 4 ounces or less, must pay postage to all zones at the rate of 1 cent per ounce.

We deliver postpaid, at catalogue prices, all seeds in packets, ounces and quarter-pounds.

		First pound or fraction	Each additional pound or fraction	Limit of weight
Local Rate.	Pittsburgh and R. F. D. Routes Nos. 1, 2, 3, 4, 5...	$0 05	$0.00½	50 lbs.
1st zone.	Within 50 miles of Pittsburgh.....	05	01	50 lbs.
2d zone.	Over 50 and under 150 miles from Pittsburgh.....	05	01	50 lbs.
3d zone.	Over 150 " " 300 " " "	06	02	20 lbs.
4th zone.	Over 300 " " 600 " " "	07	04	20 lbs.
5th zone.	Over 600 " " 1000 " " "	08	06	20 lbs.
6th zone.	Over 1000 " " 1400 " " "	09	08	20 lbs.
7th zone.	Over 1400 " " 1800 " " "	11	10	20 lbs.
8th zone.	Over 1800 " " "	12	12	20 lbs.

All goods by parcel post are sent at purchaser's risk, unless insured. Insurance is 5 cts. for $25 or less; 10 cts. for $25 to $50. This insures delivery only, but not damage to package.

BEANS (Bohnen)

Bean crop largely a failure

Beans should not be planted before the ground becomes light and warm, in favorable seasons usually about the first of May. The soil should be rich and mellow, and the seeds scattered about 3 inches apart in drills 2 to 2½ feet apart and covered about 2 inches deep. Successive sowings, made at intervals of about two weeks until the middle of July, will give a plentiful supply of Beans throughout the season. One quart of seed will sow 100 feet of drill.

WAXY or YELLOW-PODDED BUSH BEANS

SURE-CROP STRINGLESS WAX. This splendid new Bean is one of the most prolific yet introduced. The beautiful, rich yellow, semi-round pods are 7 to 7½ inches long and over ½ inch wide. It is early, hardy, stringless, rust-proof, of finest quality, and will sell on sight. Pkt. 10 cts., pt. 20 cts., qt. 40 cts., ½pk. $1.50, pk. $2.75.

DAVIS KIDNEY WAX. Pods long, between flat and round; clear waxen color; flavor and quality excellent. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. $1.30, pk. $2.50.

WARDWELL'S WAX. Excellent early variety. Pods creamy yellow, long, broad, flat, brittle and stringless. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. $1.30, pk. $2.50.

ROUND-POD KIDNEY, or BRITTLE WAX. Pods long, round, solid, brittle and of fine quality. Plants vigorous, early and very productive. Pkt. 10 cts., pt. 20 cts., qt. 40 cts., ½pk. $1.50, pk. $2.75.

PENCIL-POD WAX. Pods long, round, straight, slender; fine in quality. Early; very productive. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. $1.30, pk. $2.50.

NEW WHITE KIDNEY WAX. More robust in growth and more prolific than the Wardwell's Wax. Pods long, fleshy, stringless and of fine quality. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. $1.30, pk. $2.50.

PERFECTION WAX. Pods long, flat; tender, of fine flavor and succulent. Productive and early. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. $1.30, pk. $2.50.

CURRIE'S RUST-PROOF. Rust-proof; pods long, flat, tender and of good quality. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. $1.30, pk. $2.50.

PROLIFIC GERMAN. Pods semi-transparent, fleshy, tender and stringless; excellent. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.15, pk. $2.25.

STRINGLESS WHITE WAX. Beans are white; pods large and handsome, straight; bright lemon-yellow; brittle, meaty and stringless. Very prolific. Pkt. 10 cts., pt. 20 cts., qt. 40 cts., ½pk. $1.50, pk. $2.75.

GOLD-EYED WAX. Rather hardier than others. Early and productive. Pods flat; good quality when young. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.15, pk. $2.25.

GREEN-PODDED BUSH BEANS

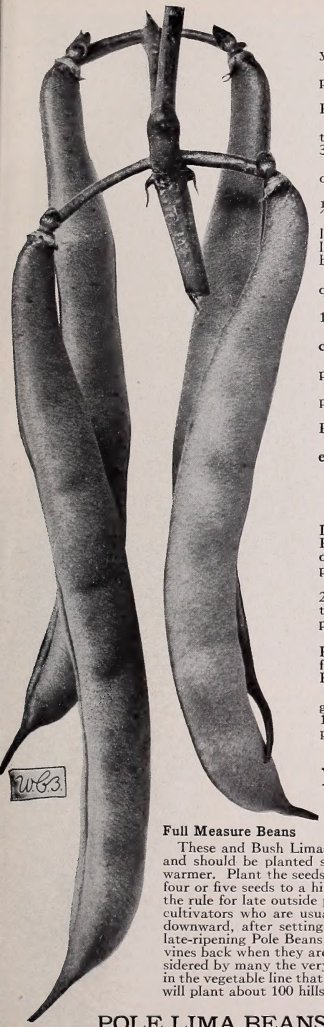
GREEN-POD STRINGLESS. Pods entirely stringless; very full and fleshy; remain crisp and tender until Beans are fully developed in the pod. Early and of finest quality. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.15, pk. $2.25.

GIANT GREEN-POD STRINGLESS VALENTINE. As early and productive as the Valentine, with pods a third larger, round, full and fleshy. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.15, pk. $2.25.

BOUNTIFUL. Pods grow to a large size, broad and fleshy; quality very good when young; very productive. Pkt. 10c., pt. 15c., qt. 30c., ½pk. $1.15, pk. $2.25.

Sure-Crop Stringless Wax Beans

Parcel-post weight of Beans: Pint, 16 ozs.; quart, 32 ozs.; peck, 16 lbs.



Full Measure Beans

GREEN-PODDED BUSH BEANS, continued

BLACK VALENTINE. Pods long, straight, round and early; of good quality and a heavy yielder; rust-proof. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.15, pk. $2.25.

FULL MEASURE. Stringless; pods round, tender, of excellent quality and borne very profusely. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. $1.30, pk. $2.50.

IMPROVED RED VALENTINE. Pods round, thick and solid; tender and of fine flavor. Pkt. 10 cts., pt. 15 cts.; qt. 30 cts., ½pk. $1.15, pk. $2.25.

LONGFELLOW. Pods straight, round, pale green and long. When cooked they retain their light green color and good flavor. Productive and early. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. $1.30, pk. $2.50.

EXTRA-EARLY REFUGEE. Earlier than the Refugee. Pods round, solid, tender and of excellent quality. Pkt. 10 cts., pt. 13 cts., qt. 25 cts., ½pk. 95 cts., pk. $1.80.

REFUGEE. Pods round, tender, fleshy and of fine flavor. Pkt. 10 cts., pt. 15 cts., qt. 30c., ½pk. $1.10, pk. $2.

WHITE-SEEDED STRINGLESS GREEN-POD, or FORDHOOK FAVORITE. Pods light green, ½ inch in diameter, 5½ to 6½ inches long; full, fleshy and nearly round; absolutely stringless; seed white. A few days later than the earlier varieties; very productive and best quality. Pkt. 10 cts., pt. 20 cts., qt. 40 cts., ½pk. $1.50, pk. $2.75.

WHITE MARROWFAT. Grown for a dry Bean for winter use. Pkt. 10 cts., pt. 10 cts., qt. 20 cts., ½pk. 75 cts., pk. $1.40.

WHITE KIDNEY. A favorite for baking; large, kidney-shaped, flattened, white. Pkt. 10 cts., pt. 13 cts., qt. 25 cts., ½pk. 95 cts., pk. $1.80.

DWARF HORTICULTURAL. Furnishes green shelled Beans of fine quality. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.15, pk. $2.25.

SNOWFLAKE, NAVY. An improvement on the common Navy Bean; earlier and more productive. Pkt. 10 cts., pt. 10 cts., qt. 20 cts., ½pk. 75 cts., pk. $1.40.

WONDER OF FRANCE. A valuable French Bean for growing under glass; very early and prolific. Pkt. 10 cts., pt. 40 cts., qt. 75 cts.

TRIUMPH OF THE FRAMES. For forcing. Very dwarf, prolific and of fine quality. Pkt. 10 cts., pt. 40 cts., qt. 75 cts.

BROAD WINDSOR. An English variety, used as a shell Bean. Should be planted as early in the spring as the soil is tillable. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. $1.25.

BUSH LIMA BEANS

GIANT IMPROVED BUSH LIMA. This is superior to any of the older forms of Bush Lima. Plant very vigorous and upright, attaining a height of 30 inches and 24 inches across. Pods often borne in clusters of five to eight and of enormous size. Beans are larger than those of any other variety and of the very best quality. Matures earlier than others; immensely productive. Pkt. 10 cts., pt. 23 cts., qt. 45 cts., ½pk. $1.70, pk. $3.25.

QUARTER-CENTURY, or WONDER BUSH. Stalks large, bushy and vigorous, 18 to 20 inches high and as much across; yields heavy crops of large, well-filled pods, containing three or four Beans each, which in size and quality are equal to the Pole Lima. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.15, pk. $2.25.

FORDHOOK BUSH LIMA. Both pods and Beans much larger than those of any other Potato Lima. Habit of plant a strong, erect, bush-like growth. Pods borne in clusters of from four to eight, averaging five Beans to the pod. Exceedingly productive and of best quality. Pkt. 10 cts., pt. 23 cts., qt. 45 cts., ½pk. $1.70, bus. $3.25.

WOOD'S BUSH LIMA. Larger than Henderson Bush Lima, as productive and of as good quality, but a little later. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.10, pk. $2.

POLE or RUNNING BEANS

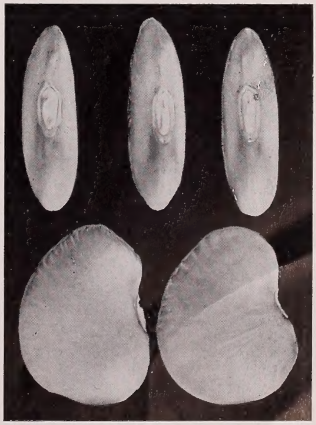
(Stangenbohnen)

These and Bush Limas are less hardy than other Bush Beans, and should be planted several weeks later, when the ground is warmer. Plant the seeds in slightly raised hills, 5 to 6 feet apart, four or five seeds to a hill. The Limas are especially tender, and the rule for late outside planting with them is rigid. Painstaking cultivators who are usually the most successful plant them eye downward, after setting stout poles for every hill. All sorts of late-ripening Pole Beans are benefited by pinching the tips of the vines back when they are about 5 feet high. Lima Beans are considered by many the very finest of all Beans, and there is nothing in the vegetable line that can take their place. A quart of Limas will plant about 100 hills; a quart of smaller sorts about 200.

POLE LIMA BEANS (All Best Grade, Hand-Picked)

KING OF THE GARDEN. The vines set Beans early and bear until frost; allow only two vines to a hill. Grows very strongly and is very prolific. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.10, pk. $2.

SIEBERT'S EARLY LIMA. Pods and Beans quite large; very early and productive; the Beans are very tender and of fine flavor. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.10, pk. $2.



Giant Improved Bush Lima Beans

Parcel-post weight of Beans: Pint, 16 ozs.; quart, 32 ozs.; peck, 16 lbs.

POLE LIMA BEANS, continued

EARLY LEVIATHAN. Not only earlier than any other, but the Beans are of the largest size and unsurpassed in quality, being tender and of fine flavor. Very prolific. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. $1.25, pk. $2.25.

CARPINTERIA. The Bean of this Lima has a green tint, retaining this color even when ripe. This indicates good quality. Pods generally contain four large Beans, which are thin-skinned, very tender and of fine flavor. Vines are strong and bear profusely. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. $1.25, pk. $2.25.

IDEAL. Pods produced in clusters and of enormous size. An immense cropper and quality of the best. Not extra early, but unsurpassed for a main-crop variety. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. $1.25, pk. $2.25.

SHOTWELL. Potato Lima, superior to Dreer's Lima in earliness, size and quality. Pkt. 10 cts., pt. 15 cts., qt. 30c., ½pk. $1.10, pk. $2.

SIEVA, CAROLINA or WILLOW-LEAF LIMA. Beans small, but of excellent quality. Very productive. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. $1.25, pk. $2.25.

EDIBLE-PODDED POLE BEANS

KENTUCKY WONDER WAX. Has all the desirable qualities of Kentucky Wonder Green-Pod. Pods transparent yellow, stringless and of delicious quality. The vines are very vigorous in growth and immensely productive. Pkt. 10 cts., pt. 20 cts., qt. 40 cts., ½pk. $1.50, pk. $2.75.

DREER'S GOLDEN CLUSTER WAX. Bears long, golden yellow pods in clusters and continues for a long time. Pkt. 10 cts., pt. 20 cts., qt. 40 cts., ½pk. $1.50, pk. $2.75.

KENTUCKY WONDER, or OLD HOMESTEAD. Pods borne in clusters; deep green in color; round, and often 9 inches in length; tender, crisp and of finest quality. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. $1.25, pk. $2.25.

WHITE-SEEDED KENTUCKY WONDER, or BERGER'S GREEN-POD STRINGLESS. Earlier than Old Homestead and remains longer in bearing. Pods 6 to 8 inches long, borne in clusters; dark green in color; very meaty and stringless. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. $1.30, pk. $2.50.

LAZY WIFE. Very productive; pods green; 4 to 6 inches long; broad, thick, fleshy and entirely stringless; rich and tender. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. $1.30, pk. $2.50.

PERFECTION WHITE. An early-maturing, white-seeded variety. Very desirable for snaps and unsurpassed for a green shell Bean. Pods light green, 8 to 9 inches long, irregular in shape and quite stringless. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.15, pk. $2.25.

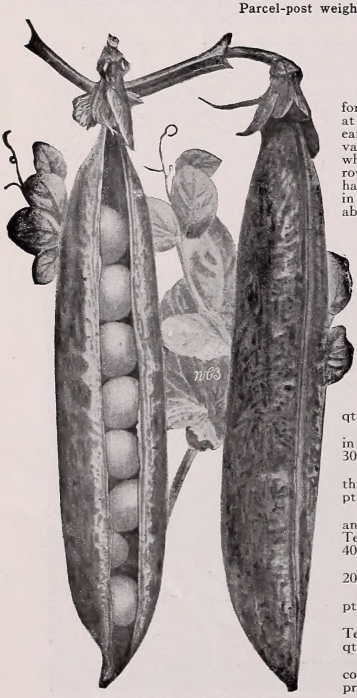
HORTICULTURAL. Bears a profusion of large, fleshy pods; one of the best and finest-flavored shell Beans. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.10, pk. $2.

WHITE CREASEBACK, or BEST OF ALL. Very productive, bearing in clusters; pods silvery green, medium size, best quality. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.10, pk. $2.

ASPARAGUS, or YARD LONG. Pods round and glossy and attaining a length of 2 feet or more; of good quality. Pkt. 10 cts.

SCARLET RUNNER. Good as a snap or shell Bean; grown principally for its flowers. Pkt. 10 cts., pt. 18 cts., qt. 35 cts.,

Parcel-post weight of Beans: Pint, 16 ozs.; quart, 32 ozs.; peck, 16 lbs.



Extra-Early Telephone Peas

PEAS (Erbsen)

All smooth-seeded Peas may be planted as early in the spring as the soil can be prepared for them, being very hardy. Sow for the first crop as early as practicable, and for succession at intervals of about two weeks until June. Late sowings, however, do not yield so well as early ones. Sow in drills about 2 to 3 inches deep, and from 2 to 4 feet apart, according to variety, taller sorts requiring more room than dwarf ones. Dwarf Peas require a very rich soil, while taller ones thrive best in rather thin ground. The latter are frequently sown in double rows, with the brush, or support of some kind, between them. Wrinkled Peas are not so hardy as the smooth sorts, and should not be sown quite so early, but are superior to them in quality, more delicate in flavor, and remain longer in season. One quart of seed will plant about 100 feet of drill.

Wrinkled varieties are marked with a star (*)

ALASKA. 49 days; 2½ feet. Pods small, but well filled with excellent dark green Peas. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.10, pk. $2.

SUNOL. 50 days. Pods large, productive and uniform in maturing. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.10, pk. $2.

SURPRISE. 50 days; 2½ feet. Vines thickly set with round, well-filled pods, 2½ to 3 inches long; Peas tender and sweet. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.10, pk. $2.

PROLIFIC MARKET. 54 days. An extra-early variety. Crop uniform and comes in two pickings. One of the most productive of its class; quality excellent. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.10, pk. $2.

***LITTLE MARVEL.** 54 days; 15 inches. Bears a profusion of well-filled pods which are 2½ inches long, containing six or seven large Peas; quality fine. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. $1.30, pk. $2.50.

***SUTTON'S EXCELSIOR.** 54 days. An improvement on Nott's Excelsior; more vigorous in vine; pods larger and well filled with Peas of finest quality. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.15, pk. $2.25.

***LAXTONIAN.** 15 to 18 inches. Pods nearly as large as Thos. Laxton, and mature about three days later than Nott's Excelsior. A good yielder and quality first-class. Pkt. 10 cts., pt. 25 cts., qt. 50 cts., ½pk. $1.75, pk. $3.25.

***EXTRA-EARLY TELEPHONE.** 52 days; 2½ feet. Combines earliness with the size and quality of the best of the later sorts. The pods are of the same size and quality as the Telephone, and are ready to pick one week after the earliest. Pkt. 10 cts., pt. 20 cts., qt. 40 cts., ½pk. $1.50, pk. $2.75.

***GRADUS, or PROSPERITY.** Of the same type as the preceding. Pkt. 10 cts., pt. 20 cts., qt. 40 cts., ½pk. $1.50, pk. $2.75.

***THOS. LAXTON.** 55 days. Pods large; seed wrinkled; sweet, of fine flavor. Pkt. 10 cts., pt. 20 cts., qt. 40 cts., ½pk. $1.50, pk. $2.75.

***DUKE OF YORK.** 61 days. A variety intermediate between Early Telephone and Late Telephone. Pods large, well filled with Peas of very fine flavor. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.10, pk. $2.

***POTLATCH.** 60 days; 2 feet. A splendid variety. Pods deep green and very large, each containing nine or ten large, deep green Peas, which have a delicious marrowfat flavor. Very productive. Pkt. 10 cts., pt. 20 cts., qt. 40 cts., ½pk. $1.50, pk. $2.75.

Parcel-post weight of Peas: Pint, 16 ozs.; quart, 32 ozs.; peck, 16 lbs.

Boston Unrivaled Peas

PEAS, continued

DWARF CHAMPION, or JUNO. Of the Champion of England type, but not so tall, attaining a height of about 2 feet. Matures in fifty-five days. Very productive; large pods and fine quality. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. $1.25, pk. $2.25.

***HORSFORD'S MARKET-GARDEN.** 70 days; 2 feet. Very productive; best quality. One of the most valuable. Large pods and Peas. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.10, pk. $2.

***BOSTON UNRIVALED, or IMPROVED TELEPHONE.** 65 days. An improved strain of the Telephone. More productive and larger pods. Pods 5 inches in length, each containing 7 or 8 very large Peas. Vines grow 4½ to 5 feet high. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.10, pk. $2.

***DUKE OF ALBANY.** 70 days; 3 feet. Pods large and produced in great abundance. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.10, pk. $2.

***ALDERMAN.** 70 days; 3 feet. A choice selection from the Duke of Albany class, bus larger in pod, more productive and of equally fine quality; matures about the same time at the Duke of Albany. The Peas are large and of fine flavor. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.10, pk. $2.

***PRINCE EDWARD.** Second-early; 2½ feet. Very large, green pods; most excellent quality. Very productive. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. $1.30, pk. $2.50.

***SENATOR.** Second-early; 2½ feet. Pods large, round and filled with seven to ten large, luscious, wrinkled Peas. Very productive. Pkt. 10 cts., pt. 23 cts., qt. 45 cts., ½pk. $1.60, pk. $3.

WHITE MARROWFAT. A large yielder of fair quality. Pkt. 10 cts., pt. 10 cts., qt. 20 cts., ½pk. 70 cts., pk. $1.30.

MAMMOTH-PODDED SUGAR. In this variety the entire pod is cooked, being sweet, tender and stringless, and forming a delicious dish; pods 5 to 6 inches long and 1½ inches wide; plant very tall; crop late. Pick about the time the Peas form in the pods. Pkt. 10 cts., pt. 20 cts., qt. 40 cts., ½pk. $1.50.

Parcel-post weight of Peas: Pint, 16 ozs.; quart, 32 ozs.; peck, 16 lbs.

Lawn Grass Seed

If you desire a perfect lawn, use our Evergreen Lawn Seed. For Shady Places, sow our Shady Nook Lawn Seed. Both kinds, if sown early in the spring, will produce a good lawn by midsummer.

Brussels Sprouts

ARTICHOKE (Artischocke)

Sow early in spring, and transplant the following spring to permanent beds in rows or hills 3 feet apart.

LARGE GREEN GLOBE. The best sort for general use. The flower-heads should be gathered as fast as they form, when they are very tender and of fine flavor. Pkts. 5 cts., and 10 cts., oz. 35 cts.

Plants, in April, $1.50 per doz.

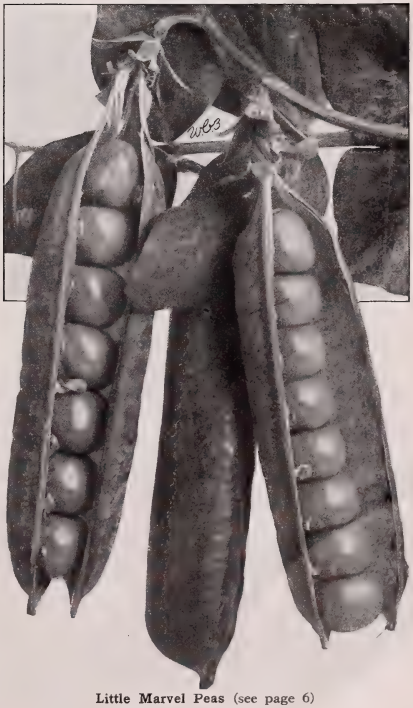
BRUSSELS SPROUTS

(Rosenkohl)

The seed should be sown in April or May, and the plants cultivated like cabbage; the heads are improved by frost. An ounce of seed will produce 2,000 plants.

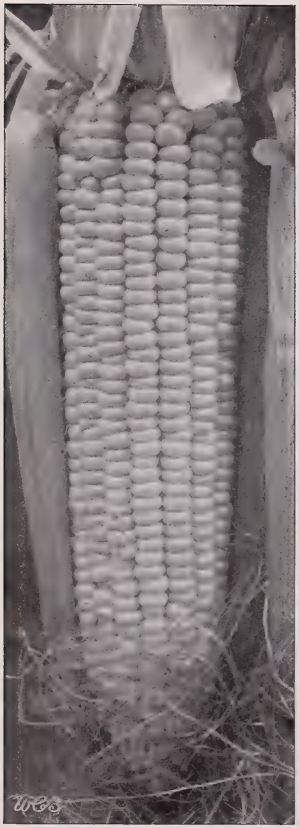
AMAGAR MARKET. Plants of very vigorous growth, about 3 feet in height; stalks large, thick and close-jointed, the Sprouts set quite thickly on the stalk, and are developed very uniformly. Pkts. 5 cts. and 10 cts., oz. 35 cts., ¼lb. $1.

PARIS MARKET. A semi-dwarf variety, producing large crops of handsome, round, solid Sprouts. Pkt. 5 cts., oz. 30 cts., ¼lb. 90 cts.



Little Marvel Peas (see page 6)

Goldenrod Sweet Corn



Howling Mob Sweet Corn

CORN, Sweet or Sugar (Maïs)

This delicious vegetable may be enjoyed from early summer until frost, if the proper varieties are selected and planted for succession at intervals of every two weeks until the middle of July. If the seed is planted too early, before the ground becomes warm, it is liable to decay. Plant in hills 3 to 4 feet apart each way, five or six kernels to a hill; or in rows 4 to 5 feet apart, scattering the seeds thinly in the rows. The taller growing the variety, the richer should be the soil and the wider the space allowed for development. One quart will plant 200 hills.

EXTRA-EARLY ADAMS. Not a Sugar Corn, but grown for its earliness. Plant dwarf; ears short. Pkt. 10 cts., pt. 10 cts., qt. 20 cts., ½pk. 70 cts., pk. $1.25.

ADAMS' EARLY. Similar to the preceding but larger and later. Pkt. 10 cts., pt. 10 cts., qt. 20 cts., ½pk. 70 cts., pk. $1.25.

WHITE CORY. Extremely early; ears 6 to 7 inches long; of good quality. Pkt. 10 cts., pt. 10 cts., qt. 20 cts., ½pk. 75 cts., pk. $1.40.

POCAHONTAS. Probably the earliest Sweet Corn. Quality not the best but as good as any of the extra-early varieties. Pkt. 10 cts., pt. 18 cts., qt. 35c., ½pk. $1.30, pk. $2.50.

ARISTOCRAT. Extra early; ears 8 to 10 inches long; grains broad and extremely sweet. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.10, pk. $2.

EARLY MAYFLOWER. Earlier than White Cory. Ears of about the same size and of equally good quality. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.10, pk. $2.

PREMO. One of the very earliest; ears of good size for such an early variety; quality good. Pkt. 10 cts., pt. 13 cts., qt. 25 cts., ½pk. 80 cts., pk. $1.50.

GOLDEN BANTAM. Very early and of finest quality; ears small, grains golden yellow. Very productive. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.10, pk. $2.

GOLDEN CREAM. A cross between Country Gentleman and Golden Bantam. Kernels, ear and cob are like Country Gentleman, while the flavor resembles and is equal to that of Golden Bantam. Dwarf in habit; very early and bears from two to four ears to the stalk. A rare novelty. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.15, pk. $2.25.

GOLDENROD. A cross between Evergreen and Country Gentleman, and a little later than the last-named. Of vigorous growth, 6 to 7 feet high. Generally produces two ears, 8 to 10 inches long, to the stalk. Kernels deep cream-yellow, sweet, tender and of delicious quality. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.15, pk. $2.25.

KENDEL'S EARLY GIANT. A week later than Cory, and much larger. Pkt. 10 cts., pt. 10 cts., qt. 20 cts., ½pk. 75 cts., pk. $1.40.

PERRY'S HYBRID. A large, second-early variety. Grains medium size, cooking pure white and tender. Pkt. 10 cts., pt. 10 cts., qt. 20 cts., ½pk. 75 cts., pk. $1.40.

WHITE PERFECTION. A very valuable second-early variety. Ears large, cobs small, and grains almost pure white. A heavy yielder. Very sweet and fine-flavored and free from flint or glaze. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.10, pk. $2.

HOWLING MOB. Larger than Cory and a few days later. Ears of very attractive appearance and finest quality. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.10, pk. $2.

EARLY FORDHOOK. Very large for an extra-early Corn. Earlier than Cory. Ears 6 to 7 inches long; quality fine. Pkt. 10 cts., pt. 13 cts., qt. 25 cts., ½pk. 80 cts., pk. $1.50.

EARLY CHAMPION. Ears large and full. After Perry's Hybrid; 10- or 12-rowed. Pkt. 10 cts., pt. 10 cts., qt. 20 cts., ½pk. 75 cts., pk. $1.40.

METROPOLITAN. Large for an early Corn; 9 inches long and 10- and 12-rowed. Quality tender and excellent. Pkt. 10 cts., pt. 13 cts., qt. 25 cts., ½pk. 80 cts., pk. $1.50.

EARLY EVERGREEN. Similar to Evergreen, but earlier. Quality best. Pkt. 10 cts., pt. 10 cts., qt. 20 cts., ½pk. 75 cts., pk. $1.40.

EARLY MAMMOTH. Two weeks earlier than Late Mammoth; ears as long, but more tapering; tender and of fine flavor. Pkt. 10 cts., pt. 10 cts., qt. 20 cts., ½pk. 75 cts., pk. $1.40.

COUNTRY GENTLEMAN. Ears of good size and well filled with deep, white grains of delicious quality. Cobs small. Pkt. 10 cts., pt. 13 cts., qt. 25 cts., ½pk. 90 cts., pk. $1.70.

Parcel-post weight of Sweet Corn: Pint, 13 ozs., quart, 26 ozs.; peck, 13 lbs.

CORN, SWEET or SUGAR, continued

STOWELL'S EVERGREEN. Grown more than any other sort. Ears large, with deep, sugary grains; remains fit for use a long time. Pkt. 10 cts., pt. 10 cts., qt. 20 cts., ½pk. 75 cts., pk. $1.40.

WHITE EVERGREEN. Possesses to an intensified degree all the qualities of Stowell's Evergreen, and has in addition the valuable characteristics of being pure white. Grains large, tender and sweet. Pkt. 10 cts., pt. 10 cts., qt. 20 cts., ½pk. 75 cts., pk. $1.40.

LATE MAMMOTH. A large-eared late variety, maturing after Evergreen. Ears thick through, with many rows of broad grains of excellent quality. One of the best large-eared sorts. Pkt. 10 cts., pt. 10 cts., qt. 20 cts., ½pk. 75 cts., pk. $1.40.

ASPARAGUS (Spargel)

A bed once properly made and planted will last for years. Plenty of fertilizer should be well trenched into a depth of 2 feet or more. The roots should be planted as early in the spring as the ground can be prepared, setting them a foot apart in rows 2, 2½ or 3 feet apart, with the crowns from 4 to 6 inches below the surface of the bed. Asparagus seed may be sown directly in the permanent bed, and the plants thinned as they grow; or it may be sown elsewhere, and the seedlings transplanted the second year. An ounce of seed will sow 50 feet of drill, and produce about 300 plants. Fair crops may be expected the third year from seed.

GIANT ARGENTEUIL. A French variety of mammoth size. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. 90 cts.

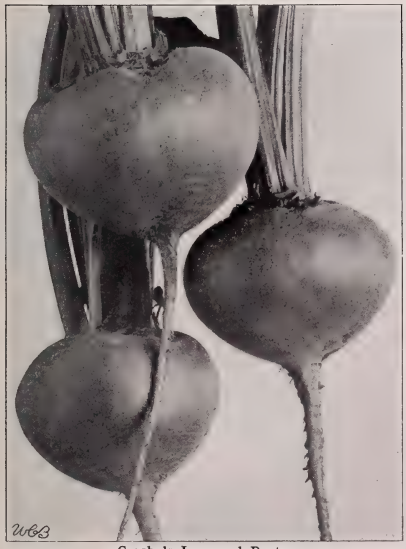
PALMETTO. Early; stalks fine in size and quality; regular in growth. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 60 cts.

COLOSSAL. Very large; deep green; stalks tender and of good flavor. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 50 cts.

COLUMBIAN MAMMOTH WHITE. Stalks pure white. Of extra-fine quality and very tender, without a trace of stringiness; flavor is of the best. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

ASPARAGUS ROOTS. By planting Asparagus Roots instead of the seeds, much time can be saved in getting the shoots ready for table or market. Plant in spring, as early as possible. See Vegetable Plants, page 25.

Giant Argenteuil Asparagus



Crosby's Improved Beets

BEST GARDEN BEETS

(Salat-rüben)

The soil best suited for the Beet is a deep, light and rich, friable loam. For very early crops, the seed is sown in hotbeds, and the seedlings are transplanted to the open ground. For main crop, the seed is sown outside as soon as the soil is in good condition, in drills from 12 to 15 inches apart, and covered about an inch deep; the plants are thinned to stand 4 or 5 inches apart in rows. For winter crops, sow in June, in drills, as for early Beets. An ounce will sow 50 feet of drill; five to six pounds to an acre.

CROSBY'S IMPROVED. An improved Egyptian; its roots are thicker, smoother and of better shape. Pkt. 5 cts., oz. 15 cts., ¼lb. 45 cts., lb. $1.50.

EGYPTIAN. An early sort; can be planted very closely; medium in size and dark crimson. Pkt. 5 cts., oz. 10 cts., ¼lb. 35 cts., lb. $1.30.

EARLY MODEL. A splendid Beet of perfect globe-shape; ripens very early; deep blood-red in color and of finest quality. Pkt. 5 cts., oz. 15 cts., ¼lb. 45 cts., lb. $1.50.

DETROIT BLOOD TURNIP. Roots globular or ovoid; flesh dark red and tender; foliage small. Pkt. 5 cts., oz. 15 cts., ¼lb. 45 cts., lb. $1.50.

CRIMSON GLOBE. Very early; roots smooth and handsome; flesh and skin deep red; of best quality. Pkt. 5 cts., oz. 10 cts., ¼lb. 35c., lb. $1.30.

ECLIPSE. Roots globe-shaped, deep red, with sweet, fine-grained flesh. Pkt. 5 cts., oz. 10 cts., ¼lb. 35 cts., lb. $1.30.

ELECTRIC. About as early as Egyptian; globular and uniform; smooth skin; flesh deep red, tender and fine-grained. Pkt. 5 cts., oz. 15 cts., ¼lb. 45 cts., lb. $1.50.

BECKERT'S PERFECTION BLOOD TURNIP. Not early, but admirably adapted for main crop and for winter storage. The Beet is almost a perfect globe-shape, with small tap root; its tendency is to grow only to medium size. Flesh dark crimson and remains tender and brittle after a season's growth. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts., lb. $1.90.

Beckert's Perfection Blood Turnip Beets

Lucullus Swiss Chard

BEST GARDEN BEETS, continued

ROUND BLACK RED. Globe-shaped; medium early; flesh intense, dark red; quality of the best. Pkt. 5 cts., oz. 15 cts., ¼lb. 45 cts., lb. $1.50.

CRAUPADINE. Half-long, deep red roots; flesh firm, juicy and tender. Pkt. 5 cts., oz. 10 cts., ¼lb. 35 cts., lb. $1.30.

SWISS CHARD, LUCULLUS. Grown for its tender, succulent tops, which are prepared for the table like spinach or asparagus, the leaves being boiled like spinach and the thick mid-ribs being served with a dressing, like asparagus. Pkt. 5 cts., oz. 10 cts., ¼lb. 35 cts., lb. $1.30.

FIELD BEETS FOR STOCK-FEEDING

Grown for stock-feeding, they form very wholesome and nutritious food. Of special value for feeding to cows, as they greatly increase the flow of milk. The seed should be dropped about 2 inches apart, in drills 2 feet apart, and the plants thinned so that there will be 12 to 16 inches between them. From five to eight pounds of seed are required to sow an acre.

GIANT LONG RED MANGEL. Heavy cropper; roots long and thick. Oz. 5 cts., ¼lb. 15 cts., lb. 50 cts.

GIANT YELLOW INTERMEDIATE. Roots oval-shaped; enormous yielder. Oz. 5 cts., ¼lb. 15 cts., lb. 50 cts.

GOLDEN TANKARD. Has large roots; flesh bright yellow. Oz. 5 cts., ¼lb. 15 cts., lb. 50 cts.

GIANT RED ECKENDORF. Very large, cylindrical roots. Oz. 5c., ¼lb. 15c., lb. 50c.

GIANT HALF-SUGAR. Rich in sugar, with close-grained flesh, and more nutritious than others. Roots bronze-green above ground and grayish white below. Very productive. Oz. 7 cts., ¼lb. 20 cts., lb. 60 cts.

CHAMPION YELLOW GLOBE. Large, smooth, yellow, globe-shaped roots. Oz. 5 cts., ¼lb. 15 cts., lb. 50 cts.

RED-TOP SUGAR BEET. Has a good percentage of sugar; white flesh. Grows very large, but retains its tender quality. Oz. 7 cts., ¼lb. 20 cts., lb. 60 cts.

BROCCOLI (Sprossenkohl)

Requires the same treatment as cauliflower. The heads are tender, white and of delicate flavor. An ounce of seed will produce about 2,000 plants.

WHITE CAPE. Creamy white; medium, compact; sure to form; delicate flavor. Pkts. 5 cts. and 10 cts., oz. 35 cts.

CABBAGE (Kopfkohl)

Seed sown in hotbed or greenhouse about February 15 will give plants large enough to transplant into hotbeds about March 10. Set them 2 to 3 inches apart each way, and as soon as they become well established, remove the glass for part of the day, to harden them for final transplanting into the open ground, increasing the exposure daily until April 10 to 20, when the final transplanting may be made. For late crops, sow the seed in April or May and transplant to the open ground when large enough, setting the plants up to the first leaf, and 2 x 3 feet apart. It is important that the plants should not stand thick in the seed-beds, as this would induce weak, slender plants. The insects which molest them should be kept in check with remedies which seem most efficacious in the locality. Crops of Cabbage should not be grown on the same ground for a number of years on account of the tendency to club-root.

Copenhagen Market Cabbage

Extra-Early Jersey Wakefield Cabbage

EARLY EXPRESS, or LIGHTNING. Very early; small, conical heads. Pkts. 5c. and 10c., oz. 30c., ¼lb. $1.

EUREKA. The earliest of the flat-headed varieties, maturing with Early Wakefield; heads very solid and of medium size. Pkts. 5c. and 10c., oz. 35c., ¼lb. $1, lb. $3.50.

COPENHAGEN MARKET. As early as Charleston Wakefield. Plants short-stemmed; heads round, solid, weighing about ten pounds, and of fine quality. Pkt. 10 cts., oz. 50 cts., ¼lb. $1.75.

SMALL EXTRA-EARLY JERSEY WAKEFIELD. Earliest strain of Wakefield. Heads small and solid. Pkts. 5 cts. and 10 cts., oz. 35 cts., ¼lb. $1.25.

EXTRA-EARLY JERSEY WAKEFIELD. Best early variety. Heads of medium size, pyramidal, pointed, firm and solid, with few outside leaves; uniform in size and time of maturing, and of good quality. Pkts. 5 cts. and 10 cts., oz. 30 cts., ¼lb. $1, lb. $3.50.

LARGE JERSEY WAKEFIELD, or CHARLESTON. A selection from the above, and ten days later, with heads twice as large. Pkts. 5 cts. and 10 cts., oz. 30 cts., ¼lb. $1, lb. $3.50.

CABBAGE, continued

EARLY SPRING. A flat-headed early variety, about as early as Extra-Early Wakefield. Heads very solid. Pkts. 5 cts. and 10 cts., oz. 35 cts., 4 ozs. $1.25.

VOLGA. Of early maturity, coming in a few days after Early Wakefield. Heads round, uniform and very solid, weighing from ten to twelve pounds. Will thrive in any Cabbage section. Pkts. 5 cts. and 10 cts., oz. 30 cts., ¼lb. $1, lb. $3.50.

EARLY ALLHEAD. The best of the flat-headed, early summer Cabbages. Very solid and grows uniform in size and form; sure-heading and adaptable to many soils; equally good as a winter Cabbage. Pkts. 5 cts. and 10 cts., oz. 30 cts., ¼lb. $1, lb. $3.50.

EARLY SUMMER. Heads large, solid, roundish flat; stand a long while after maturity without bursting. Pkt. 5 cts. and 10 cts., oz. 30 cts., ¼lb. $1, lb. $3.50.

ENKHUIZEN GLORY. Combines earliness, size and quality. Produces large, solid, ball-shaped heads, with few outside leaves. Pkts. 5 cts. and 10 cts., oz. 35 cts., ¼lb. $1, lb. $3.50.

EARLY WINNIGSTADT. Conical heads; one of the best early Cabbages. Pkts. 5 cts. and 10 cts., oz. 25 cts., ¼lb. 75 cts., lb. $2.50.

DANISH EARLY SUMMER BALLHEAD. Resembles Danish Ballhead, only smaller and earlier. Comes in about the same time as Early Summer. Pkts. 5c. and 10c., oz. 30c., ¼lb. 90c., lb. $3.25.

DANISH SHORT-STEM ROUNDHEAD. Early and short-stemmed; heads large and heavy; withstands severe droughts. Pkts. 5 cts. and 10 cts., oz. 30 cts., ¼lb. 90 cts., lb. $3.25.

DANISH BALLHEAD, or ROUNDHEAD. Heads of medium size, round and very solid; matures late, and is a splendid keeper. Pkts. 5 cts., and 10 cts., oz. 30 cts., ¼lb. 90 cts., lb. $3.25.

ALL-SEASON, or SUCCESSION. Almost as early as Early Summer; heads larger and thick; good for early and late crop. Pkt. 5 cts. and 10 cts., oz. 25 cts., ¼lb. 75 cts., lb. $2.50.

SUREHEAD. Of Flat Dutch type, uniform in shape and size, solid and heavy. Pkts. 5c. and 10c., oz. 25c., ¼lb. 75 cts., lb. $2.50.

THE LUPTON. Slightly earlier than the Flat Dutch, and of more compact growth. Heads large; stalks short; color dark green. Pkts. 5 cts. and 10 cts., oz. 25 cts., ¼lb. 75 cts., lb. $2.50.

SELECT LARGE LATE FLAT DUTCH. An excellent keeping variety; more extensively grown for main crops than any other sort. Heads large, broad, roundish flat; solid and of good quality. Pkts. 5 cts. and 10 cts., ¼lb. 75 cts., lb. $2.50.

SHORT-STEM DRUMHEAD. Of uniform and dwarf growth. Heads very solid and attaining a weight of twenty to twenty-five pounds. Pkts. 5 cts. and 10 cts., oz. 25 cts., ¼lb. 75 cts., lb. $2.50.

Select Large Late Flat Dutch Cabbage

AUTUMN KING. Late; sure-heading; enormous size, regular and uniform. Pkts. 5 cts. and 10 cts., oz. 30 cts., ¼lb. 85 cts., lb. $2.75.

EARLY ERFURT SAVOY. Almost like brussels sprouts in flavor. Pkt. 10 cts., oz. 50 cts.

PERFECTION DRUMHEAD SAVOY. Heads large and solid, with finely curled, close, wrinkled leaves of cauliflower flavor; a good-keeping winter Cabbage. Pkts. 5 cts. and 10 cts., oz. 25 cts., ¼lb. 75 cts., lb. $2.50.

MAMMOTH ROCK RED. A select late strain of red Cabbage, with very large and solid heads. Favorite Cabbage for pickling. Pkts. 5 cts. and 10 cts., oz. 25 cts., ¼lb. 75 cts., lb. $2.50.

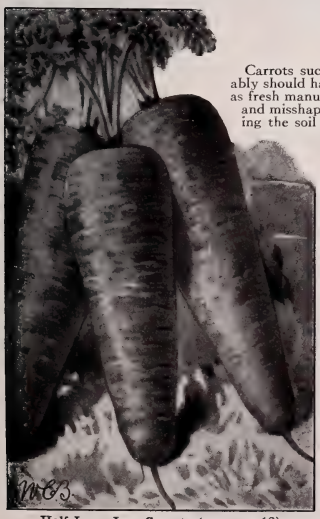
ZENITH RED. Heads very solid; medium early; very dark red in color; of best quality. Pkts. 5c. and 10c., oz. 50c., ¼lb. $1.75.

RED DANISH STONEHEAD. Heads perfectly round and extremely solid; large in size; deep purplish red, showing but slight traces of white. Pkts. 5 cts. and 10 cts., oz. 35 cts., ¼lb. $1.25.

CARROTS

(Möhren)

Carrots succeed best on heavy loam, which preferably should have been well fertilized the previous year, as fresh manure often causes the roots to grow pronged and misshapen. Sow the seed early in the spring, firming the soil down over it. An ounce of seed will sow 100 feet of drill; four pounds will sow an acre.



Half-Long Luc Carrots (see page 12)

AMSTERDAM FORCING. Very distinct and very early. Especially adapted to forcing. Half-long, stump-rooted; short foliage; no pithy core; crisp and of excellent flavor. Pkts. 5 cts. and 10 cts., oz. 15 cts., ¼lb. 50 cts., lb. $1.75.

EARLY SCARLET HORN. For early crops. Roots are about 3 inches long and of very good quality. Pkts. 5 cts. and 10 cts., oz. 15 cts., ¼lb. 45 cts., lb. $1.50.

HALF-LONG POINTED. Intermediate in size between Early Horn and Long Orange; smooth; bright orange; well flavored. Pkts. 5 cts. and 10c., oz. 15c., ¼lb. 45c., lb. $1.50.

HALF-LONG STUMP-ROOTED. Much like the Half-Long Pointed, except that the roots have the stump form. Pkts. 5 cts. and 10 cts., oz. 15 cts., ¼lb. 45 cts., lb. $1.50.

GUERANDE, or OXHEART. Thick and very blunt-rooted; 5 inches long; deep red; tender. Of fine flavor and a heavy cropper. Fine market sort. Pkt. 5 cts. and 10 cts., oz. 15 cts., ¼lb. 45 cts., lb. $1.50.

Half-Long Pointed Carrots

CARROTS, continued

CHANTENAY. Handsome roots, broad-shouldered, smooth and more uniform than the Danvers. Of superior flavor and very tender. Produces large crops. Pkts. 5 cts. and 10 cts., oz. 15 cts., ¼lb. 45 cts., lb. $1.50.

HALF-LONG LUC. A very symmetrical, half-long, stump-rooted variety. Early, very productive, of fine quality. Pkts. 5 cts. and 10 cts., oz. 15 cts., ¼lb. 45 cts., lb. $1.50.

ST. VALERY INTERMEDIATE. Thick-shouldered, intermediate in length between the Half-Long and Long Orange varieties. Flesh rich orange-color and of finest quality. Pkts. 5 cts. and 10 cts., oz. 15 cts.. ¼lb. 45 cts., lb. $1.50.

DANVERS HALF-LONG. The roots are smooth, thick and intermediate between Short Horn and Long Orange in form. Pkts. 5 cts. and 10 cts., oz. 15 cts., ¼lb. 45 cts., lb. $1.50.

IMPROVED LONG ORANGE. Extensively grown; good and heavy in yield. Pkts. 5 cts. and 10 cts., oz. 15 cts., ¼lb. 45 cts., lb. $1.50.

WHITE BELGIAN. A very productive, white-fleshed variety for stock-feeding. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

YELLOW BELGIAN. Similar to White Belgian except in color. A good keeper. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

Beckert's Early Snowball Cauliflower

Perfection Cauliflower

CAULIFLOWER (Blumenkohl)

How to Grow Fine Cauliflower. Culture for Cauliflower and cabbage is essentially the same, but to the former extra care given in applying fertilizers and moisture well repays the gardener. Sow the seeds for early and late crops as directed for cabbage, but do not set the early plants in the open field too soon, for if too much stunted by severe frosts, they begin to form heads before they are strong enough to develop them well. Plants which have not headed before winter sets in may be stored in a cool cellar or coldframe, and will form heads without further attention. An ounce of seed will produce about 1,500 plants.

BECKERT'S EARLY SNOWBALL. Produces large, handsome heads, measuring 8 to 10 inches across; pure snowy white; close, compact and of the finest quality. The stalks are short, of compact growth, and can be planted closely. It is extra early, a very certain header, and equally good for a late crop. Unsurpassed by any strain offered. Pkt. 25 cts., ¼oz. $1, oz. $3.50.

BECKERT'S SMALL-LEAVED SNOWBALL. About two weeks earlier than the preceding; a sure header and fine for forcing or outdoor culture. Pkt. 25 cts., ¼oz. $1, oz. $3.50.

PERFECTION. A new and distinct variety that is as early as Snowball and producing equally perfect a head. Has long leaves that grow straight up, with the inner leaves twisted and whorled, which naturally protects the head from the sun to a great extent. Pkt. 25 cts., ¼oz. $1.50, oz. $5.50.

DANISH GIANT, or DRY WEATHER. Similar to Snowball in size, quality, etc., but matures about one week later and is a better drought- and heat-resister. Pkt. 25 cts., ¼oz. $1, oz. $3.50.

EXTRA-EARLY ERFURT. The plants may be depended upon to form large, firm, white heads; very early. Pkt. 20 cts., ¼oz. 95 cts., oz. $3.25.

EXTRA-EARLY PARIS. Large leaves and large, firm, white heads. Pkt. 10 cts., ¼oz. 20 cts., oz. 70 cts.

ALGIERS. Late, sure heading; the heads are good in color and quality and long keeping. Pkt. 10 cts., ¼oz. 25 cts., oz. 75 cts.

LENORMAND'S SHORT-STEM. A late Cauliflower; good heads, with close, uniform curds. Pkt. 10 cts., ¼oz. 20 cts., oz. 70 cts.

VEITCH'S AUTUMN GIANT. White, large, firm heads. Pkt. 5 cts., ¼oz. 15 cts., oz. 50 cts.

CHICORY (Cichorie)

Sow early in spring, in good, mellow soil, in drills half an inch deep and 12 inches apart.

LARGE-ROOTED MAGDEBURG. The leaves when blanched make an excellent salad. Pkts. 5 cts. and 10 cts., oz. 15 cts., ¼lb. 45 cts., lb. $1.50.

WITLOOF. Pkts. 5 cts. and 10 cts., oz. 15 cts., ¼lb. 50 cts., lb. $1.75.

CORN SALAD (Feldsalat)

Sow the seed thickly in shallow drills in September, and firm the soil well down above it, if the weather be dry. Highly appreciated, and much grown where other salads and lettuces do not succeed. Prepared in the same manner as lettuce and makes an excellent dish. An ounce of seed will sow a bed 20 feet square.

LARGE-SEEDED. Has large, tender leaves. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

Magnificent Celery

White Plume Celery

CELERY (Sellerie)

Celery can be grown in any garden soil, but the finest is produced in deep, mellow bottom land. Seed for early crops should be sown in hotbeds about March 15. The plants may be either thinned to give them room to grow, or transplanted to another bed to grow until it is time to plant them in the open ground. For main crop, seed should be sown in the open air as soon as the soil and air are warm enough. They should be covered lightly, or merely pressed into the earth with a board, if the soil is fine and mellow. The seed-bed must be kept free from weeds, and well watered in dry weather. When the plants are large enough, transplant them to shallow trenches or furrows, from 4 to 6 feet apart, according to the variety grown, setting the plants 6 inches apart in the rows and pressing the soil firmly around them. Blanching consists of drawing earth up to the stalks at intervals of about two weeks, until all but the tops of the plants are covered. Celery may be kept for winter use in pots or cellars, or in deep, narrow trenches, in a dry situation; the latter must be covered with boards, with sufficient soil and manure on top to keep out the frost, leaving openings at short distances for ventilation in mild weather. An ounce of seed will produce about 2,000 plants.

GOLDEN SELF-BLANCHING. Very scarce. Stalks beautiful golden yellow. Plants semi-dwarf and vigorous, with large, ribbed and rounded stalks which are quite crisp and tender. Pkt. 15 cts., ¼oz. 45 cts., oz. $1.50.

WHITE PLUME. Easily blanched, and one of the very handsomest sorts grown. In large plants the stalks, hearts a d inner leaves become white without any blanching. Pkts. 5 cts. and 10 cts., oz. 35 cts., ¼lb. $1, lb. $3.50.

GIANT PASCAL. Stalks broad, thick and about 2 feet high; blanch quickly; rich, nutty flavor; tender, crisp and stringless. A fine market Celery. Pkts. 5 cts. and 10 cts., oz. 25 cts., ¼lb. 75 cts., lb. $2.50.

COLUMBIA. Excellent early variety. Of medium height and stocky. Stalks thick and of a rich yellow color when bleached. Pkt. 10 cts., oz. 50 cts.

BECKERT'S PERFECTION WINTER. Grows to good size; very brittle, and white in color. For solidity, crispness and fine, nutty flavor it is unsurpassed; its most valuable recommendation to growers is its remarkable keeping qualities, as it can be kept easily until spring. Pkt. 10 cts., oz. 35 cts., ¼lb. $1.25, lb. $4.50.

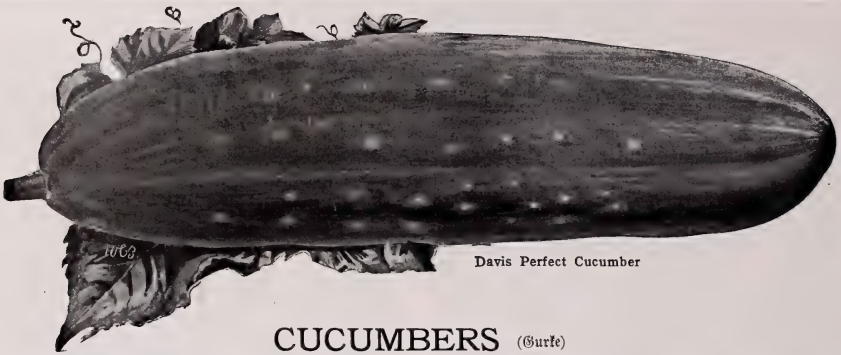
MAGNIFICENT. This Celery is of the very finest quality. A very popular golden dwarf type of past years, recommended for a late fall and winter crop, being unexcelled as a long keeper. Of medium height and strong and robust growth. Very full-hearted, crisp and solid, and when blanched it is of a golden yellow. Pkt. 10 cts., oz. 35 cts., ¼lb. $1.25, lb. $4.50.

WINTER QUEEN. Of medium height and strong, robust growth; stalks thick and heavy, with numerous hearts; perfectly solid, rich and of delicious nutty flavor; a fine winter keeper. Pkts. 5 cts. and 10 cts., oz. 30 cts., ¼lb. $1, lb. $3.50.

PERFECTION HEARTWELL. Hearts large and close-growing; crisp, tender, keeping until late quite. One of the best. Pkts. 5 cts. and 10 cts., oz. 25 cts., ¼lb. 75 cts., lb. $2.50.

STANDARD BEARER. A splendid red variety. Compact, sturdy habit; of robust growth and superior quality. Pkt. 10 cts., oz. 60 cts.

Lawn Grass Seed. If you desire a perfect lawn, use our Evergreen Lawn Grass Seed. FOR SHADY PLACES, sow our Shady Nook Lawn Grass Seed. Both kinds, if sown early in the spring, will produce a good lawn by midsummer. See inside back cover for Lawn Grass Seed, and for directions how to make a lawn.



Davis Perfect Cucumber

CUCUMBERS (Gurke)

The seed should not be planted in the open ground before the weather has become warm and settled, and the ground mellow and light. Plant the seeds in well-enriched hills about 4 feet apart each way, and, as soon as all danger from insects is over, thin the plants to leave four of the strongest in each hill. For succession, sow at intervals of every two weeks until midsummer. Extra-early crops are grown by planting the seed in hotbeds in April, upon pieces of sod turned upside down, and removing them to hills in open ground as soon as the weather is warm enough. For pickles, sow seed from the middle of June until the middle of July. The vines bear longer if the fruits are gathered as soon as they are large enough; their strength is soon exhausted by ripening fruits. An ounce of seed will plant 100 hills; two pounds will plant an acre.

FORCING WHITE SPINE. A selected strain of White Spine. Fruits large, green, medium thick; holds its color well. Pkt. 10 cts., oz. 75 cts.

DAVIS PERFECT. Fruit long and slim; color rich, dark glossy green, retaining this color until nearly ripe; flesh tender, crisp and of fine flavor. Very early and a fine forcer. A splendid market variety. Pkt. 5 cts., oz. 15 cts., ¼lb. 35 cts., lb. $1.25.

IMPROVED WHITE SPINE. Early and productive. Fruit medium size, good shape, light green with a few white spines on the surface. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. $1.

ARLINGTON WHITE SPINE. Very prolific and early; fruit large and smooth, much used for forcing, but equally desirable for outdoor culture. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. $1.

KLONDIKE. A very early strain of White Spine, with dark green skin which holds its color a long time. Fruit 6 to 7 inches long and produced in profusion. Quality unsurpassed. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. $1.

EXTRA-LONG, or EVERGREEN WHITE SPINE. Smooth, dark green, attaining a length of 10 to 12 inches; regular in form and size. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. $1.

FORDHOOK FAMOUS. Fruits long, smooth and dark green; very productive. Pkt. 5 cts., oz. 15 cts., ¼lb. 35 cts., lb. $1.25.

IMPROVED LONG GREEN. The leading long sort, and excellent for pickles. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. $1.

CYCLONE. Early and very productive. Fruits short; color dark green. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. $1.

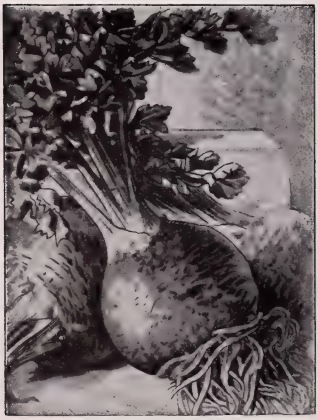
COOL AND CRISP. Fruit long and cylindrical; dark green; early and productive. Pkt. 5 cts., oz. 15 cts., ¼lb. 35 cts., lb. $1.25.

JERSEY PICKLING. Wonderfully productive; deep green; small and very uniform in size. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. $1.

CHICAGO or WESTERFIELD PICKLE. Fruits are deep green, of medium length, pointed at ends. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. $1.

JAPANESE CLIMBING. Fruits almost straight, large and from 12 to 16 inches long; skin dark green; flesh thick. Pkt. 5 cts., oz. 15 cts., ¼lb. 45 cts., lb. $1.50.

WEST INDIA GHERKIN. Small, rough, prickly fruits, used for pickling. Pkt. 5 cts., oz. 15 cts., ¼lb. 45 cts., lb. $1.50.



Prague Giant Celeriac

ENGLISH FRAME CUCUMBERS

These varieties are used for forcing. They can be grown in hotbeds or houses where the temperature does not fall below 65 degrees at night. The fruits are long, smooth and handsome, frequently growing 20 to 30 inches long.

Improved Telegraph **Lockie's Perfection**

Each, pkt. 25 cts.

CELERIAC, or TURNIP-ROOTED CELERY

(Knollen Sellerie)

Sow in early spring; transplant the seedlings in May. They will be ready for cooking in October, and may be preserved in dry sand for use during winter. Celeriac is said to be as fine a nerve-tonic as celery, and can be grown in many sections where celery-culture is practically impossible. The roots have almost the same flavor as white celery stalks, while they keep much longer than celery. An ounce of seed will produce about 2,000 plants.

PRAGUE GIANT. Roots are very large. When young, they are quite tender and marrow-like, having a very fine flavor and cooking quickly. Pkts. 5 cts. and 10 cts., oz. 35 cts.

DANDELION (Pardeblum)

An early spring salad. Sow early in spring in drills 12 inches apart, and thin out to 6 inches in the rows.

IMPROVED FRENCH. Pkt. 10 cts., oz. 40 cts., ¼lb. $1.50.

CRESS (Kresse)

Excellent spicy spring salads. Pepper Grass should be sown thickly in shallow drills in early spring, and at intervals for continued supply, as it soon runs to seed.

WATER CRESS. Small, oval leaves; very tender, crisp and pleasantly spicy when young. Plants of prostrate habit. A perennial aquatic, which grows well in any running stream. Pkt. 10 cts., oz. 30 cts., ¼lb. $1.

UPLAND. Seed of this species may be sown anywhere in moist places in spring or fall. Leaves broad, crisp and tender; plant a perennial. Pkt. 10 cts., oz. 25 cts., ¼lb. 75 cts.

EXTRA-CURLED, or PEPPER GRASS. Of pleasant, pungent flavor; the leaves can be cut several times. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 60 cts.

New York Improved Thornless Eggplant

EGGPLANT (Eierpflanze)

Sow the seeds in hotbeds in early March, transplant to small pots, and plunge them in the same beds; this is to make them strong and stocky. They should not be planted out until May or June, when the weather becomes warm and settled. Set the plants in rows 3 feet apart each way and give them thorough cultivation. An ounce of seed will produce 1,000 plants.

NEW YORK IMPROVED THORNLESS. Strong and productive. Fruits deep purple, large, smooth, free from thorns; flesh white, tender, of delicate flavor. Pkts. 5 cts. and 10 cts., oz. 40 cts., ¼lb. $1.25.

BLACK BEAUTY. Fruit broad and thick; lustrous purplish black color; very productive; of excellent quality. Pkts. 5 cts. and 10 cts., oz. 40 cts., ¼lb. $1.25.

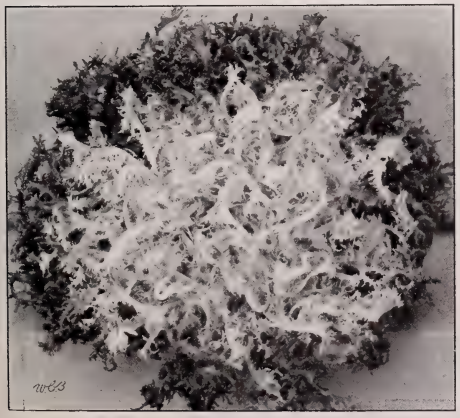
Dwarf Curled Green Scotch Kale

ENDIVE (Endivie)

This is an important fall and winter salad. For early, the seed should be sown in April, in drills, 15 inches apart, and the seedlings thinned to stand 12 inches apart in the rows. Sowings for the main crop may be made in June and July, as the vegetable is used principally in fall and winter. The inner leaves are blanched by tying the tips of the outer ones together, or by laying boards over the plants. An ounce of seed will sow 150 feet of drill.

LARGE GREEN CURLED (Ruffec). Dark green leaves, beautifully curled and, when blanched, very crisp and tender; ready for use earlier than other sorts. Pkts. 5 cts. and 10 cts., oz. 25 cts., ¼lb. 75 cts.

BROAD-LEAVED BATAVIAN (Escarolle). The broad, thick leaves make excellent salads when blanched. Pkts. 5 cts. and 10 cts., oz. 20 cts., ¼lb. 60 cts.



Large Green Curled Endive (Ruffec)

MOSS CURLED. This variety has very finely curled leaves. Tender and excellent quality. Pkts. 5 cts. and 10 cts., oz. 25 cts., ¼lb. 75 cts.

WHITE CURLED. Has tender, curly leaves of silvery green. Pkts. 5 cts., and 10 cts., oz. 25 cts., ¼lb. 75 cts.

KALE, or BORECOLE

(Krauskohl)

An ounce of seed will sow about 200 feet of drill.

DWARF GERMAN GREENS (Siberian Kale). Generally sown broadcast, but can be sown in drills a foot apart in August. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. 80 cts.

DWARF CURLED GREEN SCOTCH. Seldom exceeds 18 inches in height, but rounds out to a diameter of 3 feet. The leaves are bright green, tender and elegantly curled. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. 80 cts.

MOSBACH WINTER. Extremely curled; hardy and best quality. Pkt. 5 cts., oz. 15 cts., ¼lb. 45 cts., lb. $1.50.

TALL CURLED GREEN SCOTCH. Unusually hardy, growing 2 feet or more in height, with recurved, spreading, deep green, curly leaves. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. $1.

Lawn Grass Seed. If you desire a perfect lawn, use our Evergreen Lawn Seed. FOR SHADY PLACES, sow our Shady Nook Lawn Seed. Both kinds, if sown early in the spring, will produce a good lawn by midsummer. See inside back cover for seed and for directions how to make a lawn.

London Flag Leeks

KOHLRABI (Kohlrabi)

Very palatable when prepared for the table like turnips. If the weather is favorable, the seed should be sown in April, in rows 18 inches apart, and the seedlings thinned to stand a foot apart for White Giant, and 6 to 8 inches apart for other sorts. They are fit for use when 3 or 4 inches in diameter. For late crops, sow seeds in June or July. An ounce of seed will produce 2,500 plants.

VERY EARLY WHITE VIENNA. The earliest sort. The plants grow rapidly, have small foliage, and mature their fine, round, white bulbs quite early. Pkts. 5 cts. and 10 cts., oz. 30 cts., ¼lb. 90 cts.

EARLY PURPLE VIENNA. This variety differs from the above mainly in the color of its roots, which are a bluish purple. Pkts. 5 cts. and 10 cts., oz. 30 cts., ¼lb. 90 cts.

WHITE GOLIATH. A late, very large-growing sort, with immense bulbs, stems and leaves. Pkts. 5c. and 10c., oz. 30c., ¼lb. 90c.

LEEKS (Lauch)

Used for seasoning soups and boiling with meats. The seed should be sown in hotbeds in early spring, and the seedlings transplanted later to the open ground, 8 inches apart, in rows from 12 to 15 inches apart. For a winter supply, sow seed in the open ground in early spring, and thin the seedlings until they have room for development, or transplant them as above. Store like celery for winter. An ounce of seed will sow about 100 feet of drill.

LONDON FLAG. The variety most extensively cultivated. Stalks early and large. Pkts. 5 cts. and 10 cts., oz. 25 cts., ¼lb. 75 cts.

MUSSELBURGH. Broad, spreading leaves and very large stalks. Pkts. 5 cts. and 10 cts., oz. 25 cts., ¼lb. 75 cts.

GIANT CARENTAN. Stalks thick, short, hardy, mild-flavored. Pkts. 5 cts. and 10 cts., oz. 25 cts., ¼lb. 75 cts.

ROUEN WINTER. Stalks very large, hardy, late-keeping and lighter green than in other sorts. Pkts. 5 cts. and 10 cts., oz. 25 cts., ¼lb. 75 cts.

Very Early White Vienna Kohlrabi

LETTUCE (Garten Salat)

Seed for the first outdoor crop is usually sown in hotbeds in February, and the seedlings transplanted to the garden in April, 8 to 12 inches apart in rows 12 inches apart. For a succession until frost, sow in drills in the open ground at intervals of every two or three weeks, and thin the plants to stand 6 to 8 inches apart. For plants to force in hotbeds from November until spring, sow seed in hotbeds in the fall, and cover up as winter approaches, until the plants are required for use. Or the seed may be sown in hotbeds early in winter and the seedlings transplanted into fine and well-prepared garden soil. Half an ounce of seed will sow 100 feet of drill and produce about 1,500 plants.

BECKERT'S GOLDEN CURLED. The very best for early spring and summer crops. Grows rapidly, resists heat well and forms immense, tender heads of nicely curled, light yellow leaves of the best quality. Pkts. 5 cts. and 10 cts., oz. 30 cts., ¼lb. $1, lb. $3.50.

BECKERT'S BROWN CURLED, or CHARTIER. Closely resembles the above, except in color. Grown under glass the leaves are a soft greenish white; but grown in the open air they take on a bronze cast, still remaining crisp and tender. Pkts. 5 cts. and 10 cts., oz. 30 cts., ¼lb. $1, lb. $3.50.

GRAND RAPIDS. Superb for forcing. Leaves light green, much crimped and frilled. Pkts. 5 cts. and 10 cts., oz. 20 cts., ¼lb. 50 cts., lb. $1.75.

BLACK-SEEDED SIMPSON. Grows very rapidly, withstanding heat and drought well, and forming large, bushy stalks. Pkts. 5 cts. and 10 cts., oz. 15 cts., ¼lb. 45 cts., lb. $1.50.

BIG BOSTON. The solidity and large size of the heads make this of great value for forcing and general crops. Pkts. 5 cts. and 10 cts., oz. 20 cts., ¼lb. 50 cts., lb. $1.75.

BLACK-SEEDED BIG BOSTON. A new variety of great merit. Forms very large, solid heads; crisp and tender; very slow to seed. Pkt. 5 cts., oz. 30c., ¼lb. $1, lb. $3.50.

HANSON. Large; leaves green, light yellow within; sweet and crisp. Pkts. 5c. and 10c., oz. 15c., ¼lb. 45c., lb. $1.50.

UNRIVALED, SUMMER. A French variety; forms large, buttery heads; compact. Best quality and suitable for all seasons. Pkts. 5 cts. and 10 cts., oz. 20 cts., ¼lb. 50 cts., lb. $1.75.

ALL SEASONS. This new variety produces very large and solid heads. Leaves light green in color. It is a sure header and a slow seeder. Quality the best. Pkts. 5 cts. and 10 cts., oz. 20 cts., ¼lb. 50 cts., lb. $1.75.

MAMMOTH SALAMANDER. Immense heads; withstands heat to an unusual degree. Pkts. 5 cts. and 10 cts., oz. 15 cts., ¼lb. 45 cts., lb. $1.50.

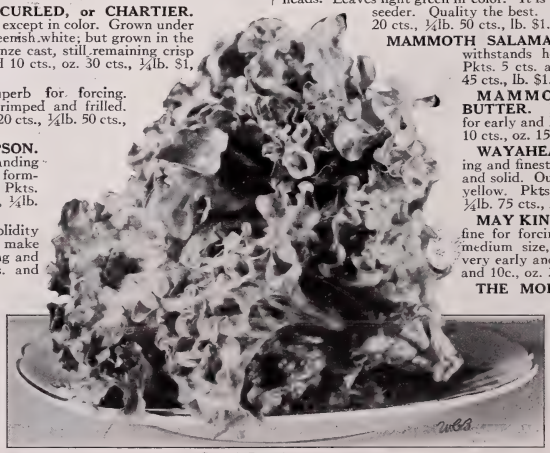
MAMMOTH BLACK-SEEDED BUTTER. Enormous heads. Adapted for early and late crops. Pkts. 5 cts. and 10 cts., oz. 15 cts., ¼lb. 45 cts., lb. $1.50.

WAYAHEAD. Very early. Sure-heading and finest quality. Heads very large and solid. Outer leaves light green, inner yellow. Pkts. 5 cts. and 10 cts., oz. 25c., ¼lb. 75 cts., lb. $2.50.

MAY KING. A new German variety, fine for forcing and outdoors; heads of medium size, yellowish green in color; very early and a fine variety. Pkts. 5c. and 10c., oz. 20c., ¼lb. 50c., lb. $1.75.

THE MORSE. Outer leaves light green, inner leaves blanched to a beautiful yellow. Crisp and very tender. Pkts. 5 cts. and 10 cts., oz. 20 cts., ¼lb. 50 cts., lb. $1.75.

EARLY CURLED SIMPSON. Sown broadcast and the leaves cut when quite young. Pkts. 5 cts. and 10 cts., oz. 15 cts., ¼lb. 40 cts., lb. $1.25.



Grand Rapids Lettuce

LETTUCE, continued

CALIFORNIA CREAM BUTTER. Heads solid, crisp, tender and of creamy yellow color. Pkts. 5 cts. and 10 cts., oz. 15 cts., ¼lb. 45 cts., lb. $1.50.

WONDERFUL, or NEW YORK CABBAGE. Outside leaves deep green; heads hard, white, crisp; of fine flavor. Pkts. 5 cts. and 10 cts., oz. 20 cts., ¼lb. 50 cts., lb. $1.75.

BRITTLE ICE. Heads solid, 6 to 8 inches in diameter. Very crisp and tender. Pkts. 5c. and 10c., oz. 20c., ¼lb. 50c., lb. $1.75

IMMENSITY, or MAXIMUM. Very large, solid heads; leaves green, heart yellow-green; fine. Pkts. 5 cts. and 10 cts., oz. 20 cts., ¼lb. 50 cts., lb. $1.75.

OAK LEAF. An excellent variety; leaves somewhat resemble those of the oak. Pkts. 5 cts. and 10 cts., oz. 25 cts., ¼lb. 75 cts., lb. $2.50.

BOSTON MARKET. A favorite for forcing. Small, compact heads. Pkts. 5 cts. and 10 cts., oz. 15 cts., ¼lb. 45 cts., lb. $1.50.

MIGNONETTE. Small, solid, very early Head Lettuce. Heads blanch creamy white; quality of the best. Pkts. 5 cts. and 10 cts., oz. 20 cts., ¼lb. 50 cts., lb. $1.75.

TRIANON COS. This is the best Cos Lettuce. Pkts. 5 cts. and 10 cts., oz. 20 cts., ¼lb. 50 cts.

Beckert's Golden Curled Lettuce

GOLDEN YELLOW ROMAINE, or COS. Heads large and solid. Bright golden yellow in color; crisp and tender. Pkts. 5 cts. and 10 cts., oz. 25 cts., ¼lb. 75 cts.

SAXONBURG FOLDING COS. A superior German self-folding variety. Very crisp, tender and of excellent flavor. Pkts. 5 cts. and 10cts., oz. 30 cts., ¼lb. $1.

MARTYNIA (Gemsenhorn)

The seed-pods are excellent for pickling if gathered when tender and about half grown. Sow the seed in May, in rows 3 feet apart, and thin the plants to stand 2 feet apart in rows. Pkts. 5 cts. and 10 cts., oz. 25 cts.

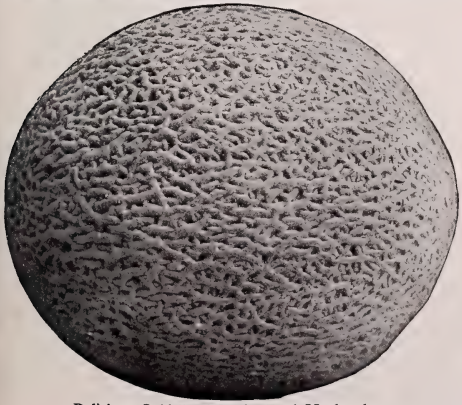
MUSKMELONS (Muscat Melonen)

Muskmelon seed should not be planted outdoors until the ground has become warm and dry. The hills should be about 6 feet apart, and carefully prepared. Rich earth is far better for the young plants than manure; but, if the latter must be used, see that it is well rotted. Plant from six to twelve seeds in a hill, and when the young seedlings are strong enough to resist the attacks of insects, thin them, leaving three of the strongest in each hill. An ounce of seed will plant about 100 hills.

ROBINSON'S DELICIOUS GOLD-LINED ROCKY FORD. Slightly oval, no ribs and heavily netted; thick-meated, fine-grained and sweet; green, with a gold margin next to the seed-cavity. Shape and size very uniform. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts., lb. $1.75.

FORDHOOK. Equal to Emerald Gem in flavor. Best salmon-fleshed melon in existence; roughly netted; flesh very solid, thick and surpassingly sweet to the very rind. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. $1.

ROCKY FORD, or NETTED GEM. Oval-shaped; small and uniform; thick-meated; flesh light green in color and of uniformly fine, luscious flavor; skin ribbed and thickly netted; prolific. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. 90 cts.



Delicious Gold-lined Rocky Ford Muskmelon

TIP-TOP. Yellow-fleshed, sweet, juicy and of finest flavor. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. 90 cts.

EMERALD GEM. Early; flesh thick and salmon-colored, granular, sweet and delicious. An old standby. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. 90 cts.

EXTRA-EARLY HACKENSACK. Of good size, weighing from five to ten pounds. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. 90 cts.

BURRELL'S GEM, or DEFENDER. A counterpart of the celebrated Rocky Ford Muskmelon, except in the color of the flesh, which is dark salmon or orange. The fruit grows to a medium size, being slightly ribbed, and closely netted. Skin is dark green and rind thin. Flesh very thick and of the most delicious quality and flavor. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. 90 cts.

MILLER'S CREAM, or OSAGE. Medium-sized, globe-shaped; very sweet. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. 90 cts

PAUL ROSE. Medium-sized; flesh salmon, thick and solid. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

PRINCESS. Flesh thick; seed-cavity small; flesh rich salmon, fine-grained, sugary and melting. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. 90 cts.

MONTREAL MARKET. Large, green-fleshed Nutmeg variety, of very fine quality. Fine market sort. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

CHAMPION MARKET. Of the Netted Gem type, but much larger. Nearly round, well netted. The flesh is thick and light green in color. Always brings top price. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

PROLIFIC NUTMEG. Fruit round, about 7 inches in diameter, flattened. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

LONG ISLAND BEAUTY. Fruit large size, flattened, heavily ribbed and netted, early and of excellent quality. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

JENNY LIND. Fruit small, flattened in its form, heavily ribbed and netted. Very early. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

BANANA. Cucumber-shaped; has a delicious odor. Matures late. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. 90 cts.

BUSH MUSKMELON. A true bush variety, of very compact growth; can be grown in hills 3 to 4 feet apart. Fruit small, green-fleshed and of good quality. Pkt. 10 cts., oz. 60 cts.

WATERMELONS (Wassermelonen)

Secure good, strong vines early in the season by making the hills large, mellow and well drained, with the manure placed so that they will not dry out quickly under hot suns. All possible protection should be given the young plants, and, as a protection from insects, use dry ashes or coal-dust sprinkled over the leaves. Plant the seeds thickly, and thin the plants to four of the strongest in each hill. An ounce of seed will plant about 50 hills.

EARLY FORDHOOK. Extra early; large, nearly round; skin tough; flesh red and very sweet. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. $1.

SWEETHEART. Firm and heavy, crisp, melting and exceedingly sweet. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 65 cts.

TOM WATSON. Large and long fruit; rind tough; flesh rich red, sweet and tender; vigorous and productive. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. $1.

KLECKLEY SWEETS. Of the very finest quality; large and oblong in size; flesh bright scarlet and free from stringiness. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. 90 cts.

HALBERT'S HONEY. Flesh beautiful crimson, very sweet and of superb flavor. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. 90 cts.

PEERLESS, or ICE-CREAM. Fruit medium size, oval, bright green, finely veined. Flesh bright scarlet, crisp, tender and sweet. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 65 cts.

WONDERFUL. Large, oblong; flesh rose-colored; very crisp and sweet. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 65 cts.

GRAY MONARCH, or WHITE ICING. Large, long form; flesh deep red and of delicate quality. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 65 cts.

COLE'S EARLY. Delicate in texture; fruit nearly round and of medium size; rind thin. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 65 cts.,

DARK ICING. Sweet and delicious. Fruits of fine, medium size, nearly round; firm, delicate, with rich, fine flavor. An excellent shipper. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 65 cts.

SEMINOLE. Ripens its large, delicious fruits very early. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 65 cts.

DIXIE. Early; productive and of fine shipping quality. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 65 cts.

FLORIDA FAVORITE. Large and long; flesh deep red, sweet and tender. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 65 cts.

RED-SEEDED CITRON. Used for preserves, etc. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 65 cts.

COLORADO PRESERVING. Excellent for making preserves. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 65 cts.

This clump contains 35 large Mushrooms

This photograph does not do it justice; the clump was 18 inches across, and filled a bushel peach-basket full. Grown in the greenhouse of Hon. Geo. F. Huff, by John Fursey.

MUSHROOM SPAWN

PURE-CULTURE SPAWN. Produced under the new selection method recently discovered. The only method which makes possible the segregation of varieties. Is received absolutely fresh at frequent intervals. This Spawn will produce Mushrooms of a specific variety. Selected with special reference to size, color and prolificness. We keep on hand the **White, Cream-White, Brown** and **Light Brown.** Each brick weighs from 1¼ to 1½ pounds, and will spawn 8 feet square of bed. Positively the most vigorous and best Spawn on the market.

DIRECT. (The best.) These bricks are inoculated direct from the laboratory without transfer. Per brick 30 cts., 5 bricks $1.25, 10 bricks $2.25, 25 bricks $5.50, 50 bricks $10.

STANDARD BRICK. Per brick 25 cts., 5 bricks $1, 10 bricks $1.80, 25 bricks $3.75, 50 bricks $7.

Illustrated book on Mushroom-Culture and Pure-Culture Spawn, 15 cts. per copy, postpaid. Pamphlet on Mushroom-Culture free.

MUSTARD (Senf)

The young and tender leaves of the Mustard are greatly relished as salads or when cooked like spinach. The seed should be sown in shallow drills as early as the ground can be prepared in spring, and the leaves cut when several inches long.

WHITE. Oz. 5 cts., ¼lb. 15 cts., lb. 40 cts.

GIANT SOUTHERN CURLED. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

ONION SEED AND ONION SETS (Zwiebel)

Good Onion Seed is of the greatest importance

Onions thrive best on a rich, deep, loamy soil. For sets, the seed should be sown very thickly in drills as early as possible in spring. In summer, as soon as the tops die down, harvest the bulbs and store them in a dry, cool place, spreading them in thin layers. Early in the following spring, replant them 4 inches apart, in small drills 12 inches apart, and they will form into fine, large bulbs early in the season. Large Onions may also be grown from seed the first season if the land is strong and well manured, the seed sown thinly in drills a foot apart, and the seedlings thinned to stand 3 or 4 inches apart in the drills; they must be well cultivated and kept free from weeds. Five pounds to the acre will be required for large Onions; for sets, 60 pounds.

YELLOW GLOBE DANVERS. Bulbs of fine shape and good size, while the yield per acre is enormous, averaging from 600 to 800 bushels on good soil and with good culture. Thin, yellow skin and mild, fine-grained, white flesh. Pkts. 5 cts. and 10 cts., oz. 15 cts., ¼lb. 45 cts., lb. $1.50.

MICHIGAN GLOBE DANVERS. Bulbs large, small necks; rich orange-yellow; enormous yielder and good keeper. Pkts. 5 cts., and 10 cts., oz. 15 cts., ¼lb. 45 cts., lb. $1.50.

SOUTHPORT YELLOW GLOBE. Similar to White Globe, save that the large Onions are light straw-color. Pkts. 5 cts. and 10 cts., oz. 20 cts., ¼lb. 55 cts., lb. $1.75.

PRIZETAKER. Bulbs very large, round and handsome; rich yellow skin and mild, sweet, pure white flesh; quite free from stiff necks; yields enormously. Pkts. 5 cts. and 10 cts., oz. 20 cts., ¼lb. 55 cts., lb. $1.75.

AILSA CRAIG. Very large, yellow, globe-shaped Onion; resembles Prizetaker, but grows much larger. Pkt. 10 cts., oz. 30 cts., ¼lb. 95 cts., lb. $3.50.

FLAT YELLOW DANVERS. Grows to good size; ripens early; mild in flavor and keeps well. Pkts. 5 cts. and 10 cts., oz. 15 cts., ¼lb. 35 cts., lb. $1.25.

YELLOW DUTCH, or STRASBURG. Large; yellow; mild flavor. One of the best keepers. Grown largely for sets. Pkts. 5 cts. and 10 cts., oz. 15 cts., ¼lb. 40 cts., lb. $1.40.

SOUTHPORT WHITE GLOBE. A large, showy, globular white Onion. The bulb grows quite rapidly, and if the seed is sown early, good-sized bulbs, suitable for using in a green state are soon formed. They are mild-flavored and keep well. Pkts. 5 cts., and 10 cts., oz. 25 cts., ¼lb. 80 cts., lb. $2.75.

Onions grown from Beckert's seed

ONION SEED, continued

WHITE PORTUGAL, or SILVERSKIN. Largely grown for sets. Bulbs large, with silvery white skin and sweet, tender, white flesh. Are mild flavored and excellent for family use and for pickling. Pkts. 5 cts. and 10 cts., oz. 25 cts., ¼lb. 75 cts., lb. $2.50.

MAMMOTH SILVER KING. Bulbs very large, flat, thick; skin thin and silvery white; flesh sweet and tender; early and productive. Pkt. 5 cts. and 10 cts., oz. 25 cts., ¼lb. 80 cts., lb. $2.75.

WHITE BUNCH. For using when young, producing large, showy, white Onions of fine quality. Pkt. 10 cts., oz. 30 cts., ¼lb. 85 cts., lb. $3.

WHITE WINTER. Hardy. Sown in the fall, with slight protection withstands the winter. Pkt. 10 cts., oz. 30 cts., ¼lb. 85 cts., lb. $3.

WHITE WELSH. Distinct; does not form a bulb. Can be sown in the fall for early spring green Onions. Mild and delicate. Pkts. 5 cts. and 10 cts., oz. 30 cts., ¼lb. 85 cts.

BERMUDA, WHITE AND RED. These are the well-known Onions of Bermuda. Each, pkt. 10 cts., oz. 30 cts., ¼lb. 80 cts., lb. $2.50.

RED WETHERSFIELD. Bulbs deep purplish red, flat, strong-flavored and grow to a large size. Pkts. 5 cts. and 10 cts., oz. 15 cts., ¼lb. 40 cts., lb. $1.40.

EXTRA-EARLY RED FLAT. An extra-early Onion. An abundant yielder, good keeper and of mild flavor. Pkts. 5 cts. and 10 cts., oz. 20 cts., ¼lb. 65 cts., lb. $1.50.

SOUTHPORT RED GLOBE. Large red Onion; one of the best keepers; true globe-shape. Pkts. 5 cts. and 10 cts., oz. 20 cts., ¼lb. 55 cts., lb. $1.75.

CANARY GLOBE. A new variety of the Globe Onion, with canary-yellow skin. Very mild, solid, and an excellent keeper. Worthy of a trial. Pkt. 10 cts., oz. 50 cts.

ONION SETS. Selected Stock. (Prices Variable)

	Qt.		Qt.	Pk.	Bus.
CANARY-YELLOW	$0 30	**WHITE.** For early use	$0 20	$1 50	$5 50
PRIZETAKER	30	**YELLOW DANVERS**	15	1 15	4 50

Parcel-post weight of Onion Sets: Quart, 18 ozs.

OKRA (Safran)

Used for seasoning soups and stews. Sow thickly in rich soil about the middle of May, in drills 3 feet apart, and cover the seeds an inch deep. An ounce will plant 100 hills.

WHITE VELVET. Pods long, smooth. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 65 cts.

LONG-POD. Productive; deep green. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

PARSNIPS (Pastinake)

Sow the seed in drills 15 inches apart, as early as possible in spring, and thin the plants to 5 or 6 inches apart in the rows. Much improved by frost. In winter cover them heavily with manure or litter. An ounce of seed will sow 100 feet of drill; five pounds to an acre.

IMPROVED HOLLOW CROWN. Tender and sweet; always good and in demand. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

LISBONAIS. An excellent strain of the Hollow Crown. Of good shape, smooth and white-skinned; of excellent quality. Pkt. 5 cts., oz. 10 cts. ¼lb. 30 cts., lb. $1.

GUERNSEY. Roots shorter but thicker than the preceding; in other respects similar. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

Improved Hollow Crown Parsnips

Dwarf Extra-Curled Parsley

PARSLEY

Much used for garnishing and flavoring soups, stews, etc. The seed is slow to germinate, and should be sown as early as possible, in drills 12 inches apart, thinning plants in rows 4 to 6 inches apart.

DWARF EXTRA-CURLED. Dwarf, with finely curled leaves. Quite decorative, as well as savory; much used for garnishing. Pkt. 5 cts., oz. 10 cts., ¼lb. 35 cts., lb. $1.25.

CHAMPION MOSS-CURLED. Leaves bright green, finely cut and beautifully curled. Pkt. 5 cts., oz. 10 cts., ¼lb. 35 cts., lb. $1.25.

PERFECTION. Dwarf and exquisitely curled; bright green. Pkts. 5 cts. and 10 cts., oz. 15 cts., ¼lb. 45 cts., lb. $1.50.

PLAIN-LEAVED. Best for flavoring; very hardy. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. 90 cts.

HAMBURG TURNIP-ROOTED HALF-LONG. This sort is early, short and thick; in appearance not unlike a small parsnip. Thin out when young and cultivate like carrots. Pkt. 5 cts., oz. 10 cts., ¼lb. 35 cts., lb. $1.25.

HAMBURG TURNIP-ROOTED LONG. Roots long and slender; rather late. Pkt. 5 cts., oz. 10 cts., ¼lb. 35 cts., lb. $1.25.

PEPPER (Pfeffer)

Sow in hotbeds as early as April, and transplant to rich, warm, mellow soil, as soon as the weather has become warm and settled, setting them about 2 feet apart in drills 3 feet apart; the pods are used in making all sorts of pickles. An ounce of seed will produce 1,000 plants.

LARGE BELL, or BULL NOSE. Widely grown, standard old variety, with very large, thick pods. Pkts. 5 cts. and 10 cts., oz. 30 cts., ¼lb. $1.

CHINESE GIANT. Of enormous size, early and very productive; fruit bright scarlet and of thick, blocky form; flesh thick and extremely mild. Pkt. 10c., oz. 45c., ¼lb. $1.50.

CRIMSON GIANT. Is a giant Bull Nose, with fruit as large as Chinese Giant and as prolific as Bull Nose. Flesh exceptionally thick and mild; color deep green and, when ripe, deep crimson. Earliest of the large-fruited Peppers. Pkt. 10c., oz. 45c., lb. $1.50.

CRIMSON BEAUTY. This is the pimento used extensively in Spain for canning. It is a heart-shaped Pepper of good size, some 3 inches in diameter, always smooth and regular; very thick-meated, sweet and entirely void of pungency. Very productive. Pkts. 5 cts. and 10 cts., oz. 45 cts., ¼lb. $1.50.

IMPROVED RUBY KING. A large red variety, resembling Bull Nose. Pkts. 5 cts. and 10 cts., oz. 35 cts., ¼lb. $1.

SWEET MOUNTAIN. Enormous mild-flavored pods, used for mango-making and mixing with salads. Pkts. 5 cts. and 10 cts., oz. 30 cts., ¼lb. 90 cts.

QUALITY, SCHELL'S. A very prolific, sweet-fleshed variety, fruits averaging 5 inches in length and 3½ inches across at the stem. Pkt. 10 cts., oz. 75 cts.

NEAPOLITAN. Earlier than any of the above. Fruit of medium size and longer than Ruby King. Pkts. 5 cts. and 10 cts., oz. 35 cts., ¼lb. $1.

ANAHEIM GIANT CHILI. Seven to 9 inches in length, and from 1 to 1¾ inches thick, tapering to a blunt point. When ripe, brilliant scarlet in color. Not a sweet Pepper, and not very pungent. Immensely productive. Pkt. 10 cts., oz. 50 cts.

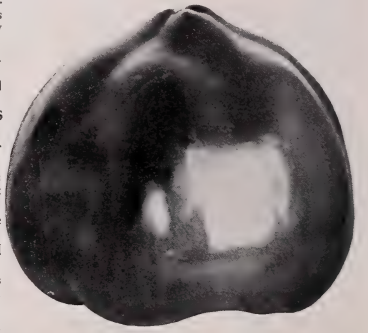
IMPROVED LONG RED. Pods long, curved and tapering. 2 inches thick at the stem end; sweet and mild. Pkts. 5 cts. and 10 cts., oz. 30 cts., ¼lb. 90 cts.

LONG RED CAYENNE. Pods long, slender, bright red, very hot. Pkts. 5 cts. and 10 cts., oz. 30 cts., ¼lb. 90 cts.

APPLE-SHAPED. Very thick-fleshed and mild; brilliant red when ripe. Begins to produce early and continues until frost; immensely productive. Pkt. 10c., oz. 50c.

RED CHILI. Small, conical, scarlet; pungent. Pkt. 5 cts., oz. 30 cts., ¼lb. 90 cts.

GOLDEN QUEEN. Pods large, yellow, similar to Large Bell in shape but milder. Pkts. 5 cts. and 10 cts., oz. 30 cts., ¼lb. 90 cts.



Crimson Beauty Pepper

PUMPKIN (Kürbisse)

Grown principally for stock-feeding, yet some are so sweet, juicy and fine-grained that they will always be considered indispensable for pies and sauces. Culture as recommended for melons, but plant hills farther apart. One pound will plant from 200 to 300 hills.

LARGE CHEESE. Rind and flesh orange-colored, and the quality is excellent for cooking purposes. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

MAMMOTH KING. Enormous golden yellow Pumpkin, grown for stock-feeding. Of fine flavor and close-grained. Pkt. 5 cts., oz. 15 cts., ¼lb. 35 cts., lb. $1.25

SWEET POTATO. Medium-sized, pear-shaped; good for pies, etc. Flesh creamy white; of excellent flavor. Pkt. 5 cts., oz. 10 cts., ¼lb. 50 cts., lb. $1.

JAPANESE PIE. Deep green crookneck, with darker stripes; matures early; flesh yellow and of fine quality. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. $1.

SMALL SUGAR. Small, about 10 inches in diameter, flattened or slightly ribbed; sweet; skin deep bronze-yellow. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

MAMMOTH GOLDEN CUSHAW. Skin and flesh orange-yellow, quality fine. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. 90 cts.

WHITE CUSHAW. White shell. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. 90 cts.

CUSHAW STRIPED. Crookneck. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. 90 cts.

QUAKER PIE. Fruit pear-shaped to oval, skin creamy buff; flesh fine-grained and rich. Pkt. 5 cts., oz. 10 cts., ¼lb. 30c., lb. $1.

GOLDEN OBLONG. Skin and flesh golden yellow; of good size and finest quality. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. 90 cts.,

WINTER LUXURY, or PIE SQUASH. Round, golden yellow, netted variety; flesh very rich; a fine keeper. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. $1.

CONNECTICUT FIELD. The common field Pumpkin. Oz. 5 cts., ¼lb. 15 cts., lb. 50 cts.

CRISP RADISHES (Rettig)

To be crisp and tender, Radishes must grow quickly; whenever growth is checked by drought or cold weather, they become tough and pithy. Rich, light, sandy soil suits them best. For the forcing crop, sow seeds in hotbeds in rows 5 to 6 inches apart and thin the plants as the ground becomes warm. Seed of winter varieties should be sown in midsummer. Summer varieties are best adapted for general crop. An ounce of seed will sow about 75 feet of drill.

Non Plus Ultra Radishes

EARLY OR FORCING

NON PLUS ULTRA, or FIRE-BALL. Small and globular; deep, rich red; early and fine forcer. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. 90 cts.

DEEP SCARLET, or SCARLET BUTTON. Round, dark red; early and fine forcer. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. 90c.

VICK'S EARLY SCARLET GLOBE. Beautiful scarlet; early, crisp, tender and mild; tops small. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. 90 cts.

EARLY SCARLET TURNIP FORCING. Deep scarlet; tender, mild and crisp; quick-growing; tops small. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. 90c.

Beckert's Improved Chartier Radishes

CRIMSON GIANT FORCING. Attains more than double the size of the other forcing Radishes without getting pithy. Flesh firm and crisp; mildest flavor. Pkt 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. 90 cts.

ROSY GEM, or RAPID FORCING. Globe-shaped; deep scarlet, blending into pure white at the bottom. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. 90 cts.

WHITE BOX. Turnip-shaped, pure white Radish; early; fine for forcing and outdoors. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. 90 cts.

WHITE ROCKET, or EARLIEST WHITE. Olive-shaped; earliest of its class; fine forcer. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. 90 cts.

RED ROCKET, or STARTLE. Olive-shaped; deep scarlet in color; very small top; extremely early. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. 90 cts.

WHITE-TIPPED ROCKET. An improved French Breakfast. Olive-shaped; deep rose, tipped white; very early. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. 90 cts.

CINCINNATI MARKET. Scarlet; small top; very early and probably the best long red variety for forcing. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

ICICLE. The finest long white variety extant; flesh semi-transparent, crisp, mild; excellent for forcing and early outdoor crop. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

Icicle Radishes

MAIN-CROP RADISHES

LONG WHITE VIENNA. Snow-white; flesh crisp, tender and brittle; of rapid growth. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

BECKERT'S IMPROVED CHARTIER. The finest variety in existence; early as Long Scarlet Short-Top, but better in quality; will stand far longer; and it is in all respects superior to any other Radish in cultivation. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

LONG BRIGHT SCARLET. Vivid scarlet, tipped pure white; rapid grower. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

BECKERT'S CHARTIER TURNIP. Local variety of great merit. Pure white, early, remaining tender and solid for a long time. Pkt. 5 cts., oz. 10 cts., ¼lb. 35 cts., lb. $1.

WHITE DELICIOUS, or DELICACY. Half-long oval, tapering to a point; solid, crisp, tender and of mild flavor. Pkt. 5 cts., oz. 10 cts., ¼lb. 35 cts., lb. $1.

WHITE STRASBURG. Half-long and thick; skin and flesh pure white. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

GIANT STUTTGART. Very large; globular in shape; pure white; stands heat well. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

OLIVE-SHAPED YELLOW. A second-early sort; small and remains tender for a long time. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

GOLDEN GLOBE. Amber-color; sweet and crisp. Pkt. 5 cts., oz. 10 cts., ¼lb. 25c., lb. 75c.

Mammoth Sandwich Island Salsify

WINTER RADISHES

CHINESE ROSE. Half-long; flesh pink, solid, of excellent quality. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. 90 cts.

LONG BLACK SPANISH. Roots black; the flesh is white and slightly pungent. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

LONG WHITE SPANISH. Roots 6 inches long and 2½ inches in diameter; white skin and flesh. Does equally well in summer as in winter. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. 90 cts.

ROUND BLACK SPANISH. Globe-shaped; white-fleshed; piquant flavor. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

CELESTIAL, or WHITE CHINESE. Attains a length of 12 inches and a diameter of 4 to 5 inches. Flesh crisp, mild and sweet in flavor. Pkt. 5 cts., oz. 10 cts., ¼lb. 35 cts., lb. $1.

MUNICH BEER. Half-long shaped; white flesh of fine quality. Pkt. 5 cts., oz. 10 cts., ¼lb. 35 cts., lb. $1.

RHUBARB, or PIE PLANT (Rhabarber)

Sow the seed early and, when the plants are large enough, thin them to 4 or 5 inches apart. The next spring or fall transplant them 3 feet apart each way in deep, rich soil. For forcing, take up some large roots and place them in a dark corner of the cellar or greenhouse.

VICTORIA. Late; stalks thick and large; useful especially to prolong the season. Pkts. 5 cts. and 10 cts., oz. 15 cts., ¼lb. 40 cts.

LINNAEUS. Early, large and of good quality. Pkts. 5 cts. and 10 cts. oz. 15 cts., ¼lb. 40 cts.

RHUBARB ROOTS. 10 cts. each, $1 per doz.

SALSIFY, or OYSTER PLANT (Bocksbart)

When cooked, the roots have something of the flavor and odor of oysters. They may be boiled, used in soups, or grated and fried as fritters. Culture the same as for parsnips and carrots. Roots are perfectly hardy, and may be left in the ground all winter. A quantity of roots for winter use may be stored in a pit or in sand or damp earth in a cellar. An ounce of seed will sow 75 feet of drill.

MAMMOTH SANDWICH ISLAND. Roots large, long, smooth, tender and well flavored, resembling fair-sized parsnips. Pkts. 5 cts. and 10 cts., oz. 15 cts., ¼lb. 45 cts., lb. $1.50.

SPINACH (Spinat)

For early use, sow very early in spring, and for succession, at intervals. The main crop for spring and winter use should be sown in September and the plants covered for winter. An ounce of seed will sow 50 feet of drill; 30 pounds to the acre.

ESQUIMAUX. Color of the leaf is intensely dark green, and the leaves of the plant are very large, thick and crumpled. Ribs small. Will stand a long time before running to seed and will withstand severe frost. Oz. 5 cts., ¼lb. 15 cts., lb. 50 cts., 5 lbs. $2.25.

LONG SEASON. Stands longer without going to seed than any other; leaves thick, crumpled, tender and of finest quality. Oz. 5 cts., ¼lb. 15 cts., lb. 50 cts., 5 lbs. $2.25.

LONG-STANDING THICK-LEAVED. Has large, thick, fleshy, crimped leaves of the Savoy style. Tender and of good flavor. Oz. 5 cts., ¼lb. 15 cts., lb. 35 cts., 5 lbs. $1.50.

VICTORIA. Foliage thick, broad, dark green; remains in prime condition two to three weeks after other sorts have run to seed. Oz. 5 cts., ¼lb. 15 cts., lb. 35 cts., 5 lbs. $1.50.

NORFOLK SAVOY. Hardy and well adapted for winter crops. Leaves large and wrinkled like a Savoy cabbage; tender. Oz. 5 cts., ¼lb. 15 cts., lb. 35 cts., 5 lbs. $1.50.

BECKERT'S HARDY WINTER. The plants have long, fibrous tap-roots, which keep them from being uprooted by frost. Sow in fall, so that the plants may form good leaves before cold weather. Oz. 5 cts., ¼lb. 15 cts., lb. 50 cts., 5 lbs. $2.25.

NEW ZEALAND. Grows well during hot summer weather, and is of good flavor. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. $1.

Victoria Spinach

SEA KALE

Grown for its blanched stems, which are prepared like asparagus. Sow in drills 1 inch deep and 2 feet apart; thin out to 6 inches in the rows; the following spring plant in hills 3 feet apart. Pkt. 10 cts., oz. 35 cts.

LAWN GRASS SEED

If you desire a perfect lawn, use our Evergreen Lawn Seed. For shady places, use our Shady Nook Lawn Seed. Both kinds, if sown early in the spring, will produce a perfect lawn by midsummer. See inside of back cover for seed, and for directions how to make a lawn.

For a good lawn fertilizer, do not use stable manure. Use Lawn and Garden Fertilizer, Canada Hardwood Ashes, Pulverized Sheep Manure or Alphano-Humus.

SQUASHES SUMMER AND WINTER (Spieß-Kürbiß)

Squash seed should be planted about the same time and in much the same manner as cucumbers and melons. The hills should be 9 feet apart each way, slightly elevated and highly manured. Bush varieties may be planted closer together. Use plenty of seed, as the bugs will destroy some plants. An ounce of seed will plant from 20 to 30 hills.

MAMMOTH WHITE BUSH. Fruit large and pure white; flesh excellent. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. 90 cts.

GOLDEN CUSTARD BUSH. Large, scalloped Squash of rich golden yellow. Quality excellent. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. 90 cts.

COCOZELLE. A bush variety. Fruit long, dark green, with stripes of a deeper green; excellent quality. Pkt. 5 cts., oz. 15 cts., ¼lb. 35 cts., lb. $1.25.

BOSTON MARROW. Well known and popular. Skin and flesh bright orange; of excellent quality. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. 90 cts.

GOLDEN HUBBARD. Skin and flesh deep yellow. Very dry and of excellent flavor. Particularly good for pies on account of its bright color. Pkt. 5 cts., oz. 15 cts., ¼lb. 35 cts., lb. $1.10.

HUBBARD. A standard late Squash. Skin dark green; flesh fine-grained, dry, sweet, late-keeping. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. $1.

WARTED HUBBARD. Large; dark green. Shell very hardy, covered with warted knobs. Very thick-fleshed, of the finest quality. Pkt. 5 cts., oz. 15 cts., ¼lb. 35 cts., lb. $1.10.

DELICIOUS. In form and size it somewhat resembles Hubbard. Skin bronzy green, flesh dark orange. Very thick, fine-grained, dry and sweet and of finest flavor. Pkt. 5c., oz. 10c., ¼lb. 30c., lb. $1.

GOLDEN BRONZE. Color dark grayish green; weighs 8 to 10 pounds; flesh golden yellow; sweet and of good flavor. Pkt. 5 cts., oz. 10 cts., ¼lb. 35 cts., lb. $1.10.

ESSEX HYBRID, or TURBAN. Hard-shelled. Flesh orange, thick, fine-grained, fine quality. Pkt. 5c., oz. 10c., ¼lb. 30c., lb. 90c.

IMPROVED CUSHAW. Skin mottled green, with white stripes. Very solid, with yellow flesh which is fine-grained, sweet and excellent for pies. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. 90 cts.

GOLDEN SUMMER CROOKNECK. Early; fruits yellow; flesh fine-grained and rich. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. 90 cts.

PIE. Skin russet; flesh yellow and thick. Fine variety for pies. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. 90 cts.

DELICATA. Orange-yellow, striped green; very early and prolific; small and solid; flesh very dry and of an excellent quality. Pkt. 5 cts., oz. 15 cts., ¼lb. 35 cts., lb. $1.25.

VEGETABLE MARROW. Skin greenish yellow; flesh white. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. 90 cts.

TOMATOES (Liebesäpfel)

For early use, sow in February or March in hotbeds, or in boxes or pots set in the warm window. When the seedlings are about 2 inches high, transplant them to pots or in rows 4 to 5 inches apart, keeping the temperature at about 60°. Subsequent transplanting will make them branching and stocky, but do not set them in the open ground until all danger from frost is past; then plant them in a warm, sunny place, and water them freely until they are well established. Some support which will keep the fruit above the ground and free from dirt should be given all plants. An ounce of seeds will produce about 1,000 plants.

DWARF CHAMPION. Plants compact, stocky and upright; fruit ripens very early and the plants yield enormously. The fruit is always smooth and handsome, with few seeds, ripening close to the core, and never cracking. Resembles Acme. Pkts. 5 cts. and 10 cts., oz. 30 cts., ¼lb. 90 cts.

DWARF STONE. Fruit red, large, early; smooth and very prolific. Pkts. 5 cts. and 10 cts., oz. 30 cts., ¼lb. 90 cts.

JUNE PINK. As early as Earliana, but pink in color; more perfect fruit and extremely productive, and not subject to blight. Pkts. 5 cts. and 10 cts., oz. 30 cts., ¼lb. $1.

BONNY BEST. Nearly as early as Earliana; color intense scarlet and ripening even up to the stems; round and slightly flattened at the stems. Of good size and uniform. Good for early, medium and late crop. Pkts. 5 cts. and 10 cts., oz. 30 cts., ¼lb. $1.

SPARKS' EARLIANA. Very early; medium size, handsome shape and beautiful red; solid and of fine quality. Pkts. 5 cts. and 10 cts., oz. 30 cts., ¼lb. 90 cts.

GLOBE. Fruit globe-shaped, very early, large-sized, smooth and firm-fleshed; very productive; glossy rose, tinged with purple; quality excellent. Pkts. 5 cts. and 10 cts., oz. 30 cts., ¼lb. 90 cts.

June Pink Tomatoes (see page 23)

FORCING TOMATOES

BEST OF ALL. Of medium size; intense red. Few seeds; produced in clusters. Pkt. 10 cts., oz. 50 cts.

COMET. Beautiful, smooth, round fruit; rich scarlet-red. Produced in clusters. Pkt. 10 cts., oz. 40 cts.

LISTER'S PROLIFIC. Fruit smooth; of medium size; rich scarlet; Pkt. 25 cts.

STIRLING CASTLE. Fruit of medium size; bright red. Pkt. 10 cts., oz. 50 cts.

TOMATOES, continued

BEAUTY. Glossy crimson; large, smooth, solid, never cracking; holds its size well. Pkts. 5 cts. and 10 cts., oz. 25 cts., ¼lb. 85 cts.

THE STONE. Large, smooth fruits of bright scarlet; solid and meaty. Pkts. 5 cts. and 10 cts., oz. 25 cts., ¼lb. 85 cts.

TRUCKERS' FAVORITE. Deep purple; large and deep through; smooth and regular. Pkts. 5 cts. and 10 cts., oz. 30 cts., ¼lb. 90 cts.

MATCHLESS. Fruit large, rich cardinal-red; skin tough; flesh very solid. Pkts. 5 cts. and 10 cts., oz. 30 cts., ¼lb. 90 cts.

PONDEROSA. Enormous and of fine quality, but not always smooth and does not ripen evenly. Pkt. 10 cts., oz. 50 cts., ¼lb. $1.75.

BUCKEYE STATE. Large, flat and broad. Fruits bright red, very smooth and solid. Pkts. 5 cts. and 10 cts., oz. 30 cts., ¼lb. 90 cts.

ENORMOUS. Fruit 4 to 5 inches in diameter; round and thick through; bright red; fine quality. Pkt. 10 cts., oz. 50 cts., ¼lb. $1.75.

IMPERIAL, or ACME. Large, purple, smooth and early. Pkts. 5 cts. and 10 cts., oz. 25 cts., ¼lb. 85 cts.

CHALK'S JEWEL. Fruit large, bright red, smooth and solid; medium early. Pkts. 5 cts. and 10 cts., oz. 30 cts., ¼lb. 90 cts.

CORELESS. Of large size; very productive and free from hard, green core; rich red. Pkts. 5 cts. and 10 cts., oz. 25 cts., ¼lb. 85 cts.

SUCCESS. One of the best late sorts for market-gardeners and canners. Bright scarlet. Ripens a little later than Stone. Pkts. 5 cts., and 10 cts., oz. 25 cts., ¼lb. 85 cts.

MAGNUS. Fruits very large, smooth and uniform. Purplish pink; flesh firm. Pkts. 5 cts. and 10 cts., oz. 35 cts., ¼lb. $1.25.

HUMMER. Bright scarlet; of good size. Quite early and fine quality. Pkts. 5 cts. and 10 cts., oz. 25 cts., ¼lb. 85 cts.

CRIMSON CUSHION. Scarlet-crimson; flesh firm, meaty, of fine quality. Pkt. 10 cts., oz. 50 cts., ¼lb. $1.75.

DWARF GIANT, or DWARF PONDEROSA. Fruit very large; purple-crimson; contains few seeds. Pkt. 10 cts., oz. 50 cts., ¼lb. $1.75.

EARLY DETROIT. A large and early, purplish pink Tomato. Fruits smooth, uniform and nearly globe-shaped. Quality excellent. Pkts. 5 cts. and 10 cts., oz. 30 cts., ¼lb. $1.

ROCK RED. Fruit large, very smooth, solid and bright red; very meaty and free from core. Pkts. 5 cts. and 10 cts., oz. 30 cts., ¼lb. 90 cts.

GREATER BALTIMORE. Second-early. Fruit large; bright red. Produced in clusters. Pkts. 5 cts. and 10 cts., oz. 30 cts., ¼lb. $1.

FORDHOOK FIRST. Fruit deep purple; large, smooth and free from cracks. Pkts. 5 cts. and 10 cts., oz. 25 cts., ¼lb. 85 cts.

GOLDEN QUEEN. Pkts. 5 cts. and 10 cts., oz. 25 cts., ¼lb. 85c.

SMALL-FRUITED TOMATOES

Used principally for preserving. All 5c. and 10c. per pkt., oz. 30c.

Yellow Plum, Yellow Pear, Red Pear, Yellow Cherry, Red Currant, Yellow Peach, Red Cherry, Red Plum, Golden Husk, Purple Husk.

TURNIPS (Rüben)

For early, sow as soon as the ground can be prepared, in drills 15 inches apart, and thin the plants to stand 8 inches apart. Sow for succession at intervals of a fortnight, until the last week in July, and from that time onward until the last of August sow for main crop. The sowing should always be made just before a rain, if possible, as the success of the crop depends, in a great measure, upon quick germination and rapid growth of the young plants. An ounce of seed will sow 150 feet of drill; two pounds will sow an acre.

WHITE-FLESHED SORTS

EARLY WHITE MILAN. Very early; of fine quality. Pkt. 5c., oz. 10c., ¼lb. 30c., lb. 90c.

SNOWBALL. Small and round; very early. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.,

PURPLE TOP STRAP-LEAF. Grown largely for fall and winter crops. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 60 cts.

LARGE EARLY RED-TOP GLOBE. Remarkable for its heavy yield per acre. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 60 cts.

LARGE WHITE GLOBE. Skin is pure white. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 60 cts.

GOLDEN BALL. Yellow-fleshed, sweet and of fine flavor. Pkt. 5c., oz. 10c., ¼lb. 20c., lb. 60c.

COW HORN. White, fine-grained, sweet flesh. Pkt. 5 cts., oz. 10 cts., ¼lb. 15 cts., lb. 50 cts.

YELLOW ABERDEEN. Round, yellow-fleshed and firm. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 60 cts.

RUTABAGAS, or SWEDES

These are grown chiefly for stock, but are excellent for cooking in spring.

IMPROVED AMERICAN. Large, firm, yellow roots; are hardy and well flavored. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 60 cts.

SWEET GERMAN. Large, white; fine quality. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 60 cts.

Large Early Red-Top Globe Turnips

Improved Leaming Field Corn

VEGETABLE PLANTS AND ROOTS

Those desiring large quantities should write for special prices

ASPARAGUS ROOTS. Strong, transplanted, **six-year-old** roots for forcing. $3 for 25, $5.50 for 50, $10 per 100.

Selected two-year-old roots (25 2-year-old roots weigh 2 lbs.), 30 cts. for 25, 50 cts. for 50, 90 cts. per 100, $3.25 for 500, $6 per 1,000. **Three-year-old roots** (25 3-year-old roots weigh 3 lbs.), 50 cts. for 25, 75 cts. for 50, $1.25 per 100, $4.75 for 500, $9 per 1,000.

FROST-PROOF CABBAGE PLANTS. These are grown on one of the sea islands, where conditions are suited for growing tough, hardy Cabbage plants during the winter and early spring. They make a slow, steady growth, and when about eight weeks old they are very tough and hardy, and can then be sent to the North and planted a month earlier than home-grown plants, as they stand a temperature of 8 to 10 degrees above zero without injury. They should be planted a month to six weeks earlier than you would plant home-grown plants. These plants have a wilted and stunted appearance, but regardless of appearance they will give you good results. Varieties: **Early and Large Wakefield, Early Flat Dutch,** and **Succession.** Prices, postpaid, 35 cts. per 100, $1.55 for 500, $2.75 per 1,000.

RHUBARB ROOTS. 10 cts. each, by mail 20 cts.; $1 per doz., $6 per 100.

Mammoth Clumps for Forcing. 60 cts. each, $6 per doz.

HORSE-RADISH ROOTS, Maliner Kren. A new variety from Bohemia. Far superior to the old variety. Will produce roots for grating five months from planting. White as snow, free from disease and grows to enormous size when left in the ground until spring. The most profitable variety to grow. 15 cts. per doz., by mail 20 cts.; 75 cts. per 100, $6 per 1,000.

CHIVES. Per clump 10 cts., by mail 20 cts.; $1 per doz.

THE FOLLOWING PLANTS, ALL IN THEIR SEASON: Beets, Brussels Sprouts, Cabbage, Cauliflower, Celery, Celeriac, Eggplant, Endive, Kohlrabi, Leek, Lettuce, Pepper, Tomato. Ask for prices.

MISCELLANEOUS SEEDS

PRICES VARIABLE

PEDIGREE FIELD CORN

Reid's Yellow Dent. A standard variety. Ears 9 to 10 inches long, 16 to 20 rows. Kernels light yellow, deeply dented. Cob medium size. Pk. 50 cts., bus. $1.75.

Improved Leaming. One of the best Yellow Dent varieties. Medium early and sure to ripen anywhere south of central New York. Deep, bright yellow kernels of fine quality; cobs small; stalks grow to medium height and often produce two large ears. Pk. 50 cts., bus. $1.75.

White Cap Yellow Dent. Has never failed to ripen. Ears large, with deep kernels; yellow, with a white tip to each kernel. Pk. 50 cts., bus. $1.75.

Early Mammoth Yellow Dent. Truly an early variety for ear of its size. Matures from 100 to 115 days. Grain deep golden yellow; ears very large; stalk short, with broad blades. A very heavy yielder. Pk. 50 cts., bus. $1.75.

Golden Surprise. This variety will mature as far north as any Dent Corn grown; ears 8 to 10 inches in length, with deep yellow grains. Pk. 50 cts., bus. $1.75.

Silver Mine. One of the best White Dents. Kernels deep and cobs small. A fine yielder. Pk. 50 cts., bus. $1.75.

BEANS, Early Soja. Market price.

BUCKWHEAT, Japanese. Bus. $1.40.

CORN, Sugar. For fodder. Pk. 45 cts., bus. $1.50.
Red-Cob Ensilage, bus. $1.75; **Cuban Giant Ensilage,** bus. $2; **Eureka Ensilage,** bus. $2.

OATS, Northern-grown Canadian Cluster. Enormous yielder, producing large heads. Pk. 50 cts., bus. (32 lbs.) $1.50.
White Tartar King. Straw stiff and heavy; heads compact and branching; grain white, short, thick and plump. Has yielded 40 bushels per acre. Pk. 50 cts., bus. (32 lbs.) $1.50.
Swedish, or **Washington.** Earliest of the heavy-yielding sorts; grains white, large and plump. Very prolific. Pk. 50 cts., bus. (32 lbs.) $1.50.
Storm King. Grains short, plump and thin-skinned. A heavy cropper. Straw stiff and strong; will not lodge. Pk. 50 cts., bus. (32 lbs.) $1.50.

BARLEY, Beardless. Earlier than any other Beardless Barley, and a heavier yielder. Write for prices.

POP CORN, White Rice, Golden Queen. Pkt. 10 cts., qt. 20 cts.

FLAX SEED. Lb. 10 cts., pk. 85 cts., bus. $3.

MILLET, Southern German, or **Golden.** Market price.
Japanese. Market price.
Egyptian, or **Pearl.** An enormous cropper; attains a height of 8 to 10 feet. Sow five pounds to the acre. Lb. 12 cts., 10 lbs. $1, 100 lbs. $8.

OSAGE ORANGE. Lb. 40 cts.

PEAS, Canada Field. Bus. $2 to $2.25.

RAPE, Dwarf Essex. Lb. 15 cts., 10 lbs. $1, 100 lbs. $8.

RYE, Winter. Pk. 40 cts., bus. $1.40.
Spring. Pk. 50 cts., bus. $1.70.

SORGHUM, Early Amber. Market price.

BROOM CORN, Evergreen. Market price.

KAFFIR CORN, White. Lb. 10 cts., bus. (50 lbs.) $2.

COWPEAS, Clay, Whippoorwill. Market price.

SPELTZ, or EMMER. A grain introduced from Russia, adapted to poor and dry soils. Has valuable feeding qualities. Qt. 15 cts., pk. 50 cts., bus. $1.75.

VETCHES, Sand, Winter or **Hairy.** Best fodder crop on poor soil. On good soil makes a growth of 4 to 5 feet. Remains green all winter. Suitable for spring and fall sowing. Write for prices.
Spring (*Vicia sativa*). Grown for the same purpose as Winter Vetches; sow in the early spring. Pk. 90 cts., bus. $3.25.

WHEAT, Klondyke, Red Wave, Michigan Hard Red, Red Mediterranean and **Saskatchewan Fife.** Write for prices.

Lawn Grass Seed. If you desire a perfect lawn, use our Evergreen Lawn Seed. FOR SHADY PLACES, sow our Shady Nook Lawn Seed. Both kinds, if sown early in the spring, will produce a good lawn by midsummer. See inside back cover for seed and for directions how to make a lawn.

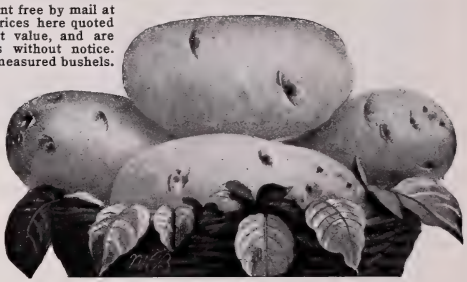
NORTHERN-GROWN SEED POTATOES

(Kartoffeln) **Prices subject to change**

Our Potatoes are all choice northern-grown stock, grown especially for seed. We send out no Potatoes in spring before danger of frost is past.

All varieties are sent free by mail at 20 cts. per pound. Prices here quoted are based on present value, and are subject to variations without notice. Barrels contain three measured bushels.

Early Ohio Potatoes



The Bovee Potatoes

American Beauty. Midseason; very large, smooth, handsome and of finest quality; cooks dry and mealy. A very promising variety. Pk. 60 cts., bus. $2, bbl. $5.50.

The Bovee. Early as any Potato yet introduced. In competitive trials with other early sorts it has out-yielded them all. Vine dwarf and stocky; tubers grow very close together in the hills. Pk. 55 cts., bus. $1.90, bbl. $5.25.

Country Gentleman. Resembles Beauty of Hebron, but ripens later and yields better crops. Pk. 50 cts., bus. $1.75, bbl. $5.

Carman No. 3. A very popular and reliable late variety. Large, oblong, slightly flattened. Pk. 50 cts., bus. $1.75, bbl. $5.

Early Ohio. Leading early Potato; tubers rough in the skin; nearly round, and quite distinct in appearance; cook dry and mealy. Pk. 55 cts., bus. $1.90, bbl. $5.25.

Early Six Weeks. Of the Ohio class; extra early and of good quality while still young. Pk. 55 cts., bus. $1.90, bbl. $5.25.

Early Russet. Very early; of rounding oval form; uniform in size and shape; skin creamy buff, netted golden russet. Pk. 60 cts., bus. $2, bbl. $5.50.

Early White Albino. This wonderfully new early Potato is a good cropper. The skin and flesh are extremely white, of exceptionally good cooking quality, and very prolific; fully as early as the old Early Rose in maturing, and particularly valuable for the early market by reason of its fine shape and early maturity. It is one of the best early varieties to withstand blight and disease. Plant early in good soil, give it good cultivation, and pleasing results are sure at harvest time. Pk. 60 cts., bus. $2, bbl. $5.50.

Green Mountain, Jr. It has all the good qualities of Green Mountain, except it is a trifle whiter in color and the skin is more netted. It grows round to oblong, somewhat flattened; eyes shallow. Stubby and do not grow very long. Soon after the stalks appear will make a vigorous, rapid growth, set a large number in the hill and mature to the best marketable size a few days earlier than its parent. Pk. 50 cts., bus. $1.75, bbl. $5.

Irish Cobbler. Good all-round, extra-early Potato; uniform, productive and fine quality. Pk. 50 cts., bus. $1.75, bbl. $5.

Norcross. Pure white. Late maturing, somewhat blocky in shape, smooth surface, very excellent table quality, cooking dry and mealy. Pk. 60 cts., bus. $2, bbl. $5.50.

Quick-Lunch, or **Noroton Beauty.** Extra early, very productive; fine quality; keeps well. Pk. 60 cts., bus. $2, bbl. $5.50.

Rural New Yorker. Midseason; large; heavy yielder. Pk. 50 cts., bus. $1.75, bbl. $5.

Restaurant. A heavy yielder for the main crop; hard to surpass. If you wish to raise a heavy crop of large, handsome Potatoes, this is a good one to plant. Pk. 50 cts., bus. $1.75, bbl. $5.

Rochester Rose. An improvement on Early Rose. Larger in size, fully as early and a heavy yielder. Pk. 50 cts., bus. $1.75, bbl. $5.

Snow (White). It is a vigorous grower, ripens uniformly, is a good keeper and is fast becoming one of the most popular medium-late Potatoes. Pk. 60 cts., bus. $2, bbl. $5.50.

White King. Midseason. Makes splendid crops and keeps well. Potatoes oblong, roundish, slightly flattened; nearly all large. Pk. 60 cts., bus. $2, bbl. $5.50.

SWEET POTATOES

Nansemond, or **Yellow Jersey.** The leading variety. Owing to their perishable nature, we cannot keep them in stock, but supply orders booked in advance. Pk. 70 cts., bus. $2.50.

POTATO-SCAB DESTROYER. Pt. 50 cts.

POTATO KNIFE. For cutting Potatoes. 15 cts. each.

TUBER TONIC. See Insecticides. Lb. 35c., 5 lbs. $1.50, 25 lbs. $5.

SWEET AND MEDICINAL HERBS

Used for various culinary and medicinal purposes. Sow seeds of the perennials, marked thus (*), carefully in hotbeds early in the spring, and at the proper time transplant in permanent beds, in rows about 18 inches apart, setting the plants a foot apart in the row. In the winter they should be slightly protected with manure. The others are annuals, coming to perfection the first year, after which they die. Sow them in the open air, early in the spring, in drills 12 to 15 inches apart, and thin out.

All varieties, 5 cts. per packet, except Curled Mint

Anise. For flavoring and in medicine.
Angelica. Has medicinal virtues.
Asperula odorata. Fragrant leaves.
Balm. Made into balm tea for fevers.
Bene. Leaves make a mucilaginous drink.
Borage. A pot-herb and for bees.
Basil, Sweet. For soups and stews.
Burnet. For salads and soups.
Caraway. Seeds are used in cakes, etc.
Chervil, Curled. For soups and salads.
Chamomile. Used for tea.
Chives.* Used for garnishing.
Coriander. Seeds used in confectionery.
Cumin. For seasoning.
Dill. Used for pickling. Oz. 10c., ¼lb. 30c.
Elecampane. Has tonic properties.
Fennel.* Used for pickling and sauces.
Fennel, Florence. Resembles celery in flavor.
Henbane. Has medicinal qualities.
Hop Seed.
Horehound.* Valuable for medicine.
Hyssop. Used in asthma and catarrh.
Lavender. Used in perfume.
Lovage. Medicinal.
Mint, Curled. For flavoring. Pkt. 25 cts.
Marjoram, Sweet. Used for seasoning. Oz. 30 cts.
Marjoram, Pot. Used for seasoning.
Pennyroyal.* The true Pennyroyal.
Rosemary.* Aromatic and ornamental.
Rue.* Used for medicinal purposes.
Saffron. Used for coloring soups, etc.
Sage.* Used for flavoring. Oz. 30 cts.
Savory, Summer. For flavoring. Oz. 25c.
Savory, Winter. Used for flavoring.
Thyme. For sauces and dressings. Oz. 40c.
Thyme, Winter. Used for flavoring.
Wormwood. Medicinal.

SELECT FLOWER SEEDS

In the following pages is offered a **carefully chosen** list of **Flower Seeds,** in which no want of the flower-garden has been neglected, the numerous varieties insuring a wide range of color, form, height, habit and season, thus permitting selection for any and every ornamental purpose.

PLEASE USE THE ORDER SHEET that is inclosed in catalogue; by so doing, the filling of orders is speeded, and the chance of errors lessened. The complete index will contribute to an easy and rapid selection of seeds wanted.

Explanation of Abbreviations Used in the Descriptions

HARDY ANNUALS, HA. These should be sown outside in April or May, according to season, latitude and condition of soil; or, they may be sown at a somewhat earlier date in a hotbed or greenhouse, the combining of the two methods being advisable, thereby providing for a succession of plantings if both sowings prosper. Seed sown under glass will also produce earlier-blooming plants than seed sown outdoors. The soil should be rather light and rich, and for outdoor sowing it must be thoroughly dug up, well raked and leveled. The coarser seeds are to be covered to once or twice their thickness, while very fine seeds are to be merely pressed into the soil. All sowing should be firmed with a board or the hand, as this hastens the germination of the seed as well as promoting its regularity. For indoor sowing, use shallow boxes of several inches in depth, and of a size to suit. Careful attention is required as soon as the seed is sprouted that seedlings may not suffer for lack of moisture, and of air if grown indoors.

HALF-HARDY ANNUALS, HHA, HALF-HARDY BIENNIALS, HHB, and **HALF-HARDY PERENNIALS, HHP.** These may be sown indoors, as above directed, from March to May, and outdoors after the middle of May. Many of the Biennials and Perennials will bloom the first season if sown early.

HARDY BIENNIALS, HB, and **HARDY PERENNIALS, HP,** can be sown outdoors as soon as the soil is in good tillable condition If sown early indoors many of them will bloom the first season. Sowings made from July to September will produce well-established plants for the next season. These should be somewhat protected during the winter. Many seeds of Hardy Biennials and Hardy Perennials are of very slow germination, and seeds of such should not be condemned as bad if a quick germination does not show.

TENDER ANNUALS, TA, TENDER BIENNIALS, TB, and **TENDER PERENNIALS, TP,** can be sown in March in the greenhouse or in hotbeds in shallow boxes. Transplant to secure sturdy plants, which can then be planted outdoors after danger of frost is over, about May 15.

HHA, HHB, and **HHP** designate Half-Hardy Annuals, Biennials and Perennials.

HB and HP designate Hardy Biennials and Perennials.

TA and **TP** designate Tender Annuals and Perennials.

Any species or variety to which no letters are affixed are to be considered as Hardy Annuals.

ALL FLOWER SEEDS IN PKTS., BY THE OZ. OR ¼-LB. ARE SENT POSTPAID AT CATALOGUE PRICES

ABUTILON (Flowering Maple) TP

Valuable house-plants as well as suitable for the garden. If sown early they will bloom the first season, and plants may be lifted in fall and they will flower throughout the winter.

Hybridum maximum. New Giant-flowering. 3 to 4 inches across. Flowers upright, not pendent as in the old varieties. Colors range from cream to golden yellow, white to rose, and many intermediate tints. Pkt. 25 cts.

ABRONIA (Sand Verbena). Very neat, succulent, trailing plant, suitable for rockery or for sunny, dry position; also pretty for baskets. Mixed, pkt. 5 cts.

ACACIA. TP. Greenhouse shrub. Very handsome, ornamental foliage and showy racemes of flowers. Mixed varieties, pkt. 10 cts.

ACANTHUS. HP. Ornamental foliage plants for the lawn or border; glossy, dark green, deeply lobed foliage. Succeed in any soil and situation. Flower-spikes 3 to 5 feet. Mixed, pkt. 10 cts., ¼oz. 15 cts.

ACHILLEA, The Pearl. HP. The double, pure-white-flowered variety; easily grown from seed, and flowers the first season if sown early. In flower from spring to late autumn. Pkt. 15 cts., ⅛oz. 75c.

ACONITUM (Monkshood, or Wolfbane) HP

Hardy, herbaceous perennials related to the Larkspurs. If sown early, they will usually flower the first year, but flowers are at their best the second year.

Napellus. Dark blue. Pkt. 10 cts., ¼oz. 25 cts.

Pyrenaicum. Distinct pale yellow. Pkt. 10 cts., ¼oz. 50 cts.

ADENOPHORA Potanini. HP. Large, bell-shaped, drooping, beautiful light blue flowers. Grows 1½ feet high. Pkt. 10 cts., ¼oz. 25 cts.

ADLUMIA cirrhosa (Allegheny Vine, or Mountain Fringe). **HB.** A handsome, rapid-growing vine with pink flowers. Pkt. 15 cts.

ADONIS

Neat, low-growing plants of the easiest culture; fine in masses and are continuous bloomers.

Æstivalis (Pheasant's Eye). **HHA.** Bright scarlet. Pkt. 5 cts., ¼oz. 15 cts.

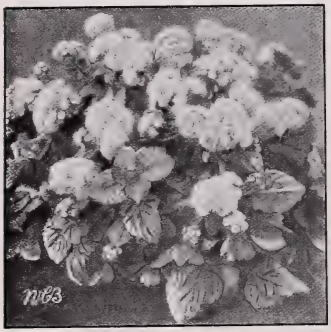
Vernalis (Ox-Eye). **HP.** Large, yellow, starry flowers. Pkt. 5 cts., ¼oz. 25 cts.

Aquilegias, Long-spurred Hybrids (see page 28)

AGERATUM HHA

Extensively used for borders, ribbon lines, etc. Blooms the entire summer. Sow early for best results.

Blue Perfection. Dwarf; large, deep blue flowers; fine foliage; fine for edging flower-beds or walks. Pkt. 10 cts., ½oz. 30 cts.



Ageratum, Blue Perfection

Little Blue Star. Dwarf—4 to 6 inches; suitable for edging; numerous light blue flowers. Pkt. 15 cts.

Little Dorrit. Dwarf and spreading in habit. Flowers azure-blue. Pkt. 5 cts., ¼oz. 25c.

Princess Victoria Louise. Dwarf and compact habit; flowers blue with white center. Pkt. 10 cts., ¼oz. 30 cts.

Snowball. Dwarf and free-flowering; large clusters of pure white flowers. Pkt. 5 cts., ¼oz. 25 cts.

Capella. Pretty chamois-rose; dwarf and compact. Pkt. 15 cts.

AGROSTEMMA

Cœli-rosa fimbriata (Rose of Heaven). **HHA.** Very free-flowering from July to September; nice for cutting; rose-colored. Pkt. 5 cts., ¼oz. 15 cts.

Coronaria (Rose Campion). **HP.** Glowing crimson flowers; silvery white foliage. Pkt. 5 cts., ¼oz. 15 cts.

ALONSOA. HHA. Elegant for beds, etc.; also nice pot-plants. Mixed, pkt. 5 cts., ¼oz. 15 cts.

ANTIRRHINUM (Snapdragon) HP

These bloom the first season if sown early, and make a fine display during the entire season. About 80 per cent of the seedlings come true to color. They form showy beds, whilst the tall varieties form elegant and showy masses of color in the border. The dwarf varieties are suitable for edging and are nice as pot-plants.

TALL VARIETIES. These grow to a height of 2 to 2½ ft.

Giant Bonfire. Bright cinnabar-red, yellow blotch.
Giant Cottage Maid. Coral-pink.
Giant Double Yellow. Brilliant canary-yellow. Pkt. 25c.
Giant Fairy Queen. Orange-salmon.
Giant Rose d'Or. Salmon-rose, shaded gold.
Giant Pink.
Giant Scarlet. Very brilliant.
Giant Purple King. Immense, glowing purple flowers. Pkt. 25c.
Giant Salmon-Rose. Golden rose.
Giant Silver Pink. A grand new variety. Pkt. $1.
Giant Striped.
Giant Venus. Lovely pink on white ground, white throat.
Giant Victoria. Pure white.
Giant Yellow. Shades of gold.
Giant Finest Mixed.

Each, pkt. 10 cts., ¼oz. 25 cts., except as noted

LARGE-FLOWERING SEMI-DWARF VARIETIES. This class grows about one-half the height of the preceding.

Albino. Flesh-pink on primrose ground.
Amber Queen. Canary-yellow and chamois-pink.
Black Prince. Dark crimson.
Carmine Queen. Fine rose-carmine.
Coral-Pink. Rich coral-pink.
Golden Morn. Red and old-gold.
Golden Queen. Rich yellow.
Pink Beauty. Old-rose with yellow lip.
Queen of the North. Fine white.
Rosy Morn. Rosy pink, white throat.
Bonfire. Lovely orange and flame-color.
Finest Mixed.

Each, pkt. 10 cts., ¼oz. 30 cts.

AMPELOPSIS Veitchii (Boston Ivy). **HP.** A very elegant hardy vine, attaching itself to stone, brick or woodwork. The beautiful foliage acquires rich autumn tints. Pkt. 5 cts., oz. 40 cts.

AQUILEGIA (Columbine) HP

Are general favorites for borders. They will also do well under the shade of trees. They are among the earliest-flowering perennials and are very easily grown. Many seedlings vary from the type, but all are beautiful. We offer a very fine collection. 1½ to 2 feet is their average height.

Cærulea (Rocky Mountain Columbine). Flowers large, petals white, sepals deep blue, spurs very long; one of the most beautiful. Pkt. 10 cts., ⅛oz. 25 cts.

Cærulea hybrida. Flowers large and long-spurred, and of many beautiful colors. Pkt. 10 cts., ⅛oz. 50 cts.

Cærulea hybrida, Rose Queen. Beautiful rose shades with white center. Pkt. 25 cts., ⅛oz. $1.

Californica hybrida. Mostly with golden petals; sepals and long spurs orange-crimson. Pkt. 10 cts., ⅛oz. 50 cts.

Chrysantha. Large, long-spurred, golden yellow flowers; splendid. Pkt. 5 cts., ⅛oz. 25 cts.

Chrysantha grandiflora alba. Very large and long, pure white flowers. Pkt. 10 cts., ⅛oz. 50 cts.

Chrysantha fl. pl. Flowers large and double, and beautiful golden yellow in color. Pkt. 10 cts., ⅛oz. 50 cts.

Long-spurred Hybrids. This strain comprises many new, beautiful and pleasing shades and combinations, and most effective and striking contrasts in the individual flowers, ranging through all shades of lavender, blue, mauve, white, yellow, orange, scarlet. and bright rose-pink. Plants are vigorous and stately in growth, producing abundantly large and elegantly shaped flowers with long spurs, borne well above the pale green foliage. Pkt. 10c., ⅛oz. 50c.

Vulgaris fl. pl. Double varieties mixed. These will give an abundant supply of odd and exceedingly pretty flowers. Pkt. 5 cts., ¼oz. 25 cts.

Alpina Haylodgensis delicatissima. Very long-spurred flowers of a delicate satin-rose color, passing to delicate yellow at the crown. Pkt. 25 cts.

Giant Antirrhinum

ASTERS, CHINA HHA

Asters now rival the chrysanthemums in form and colors, and are the leading cut-flower from midsummer until the appearance of the chrysanthemum. They delight in rich, moist soil, and, for the largest and finest-colored flowers, frequent rains or waterings are required. For successional flowers sow seed from March to June. We offer the best strains and varieties.

ASTERMUM. A fine new variety, with flowers much resembling a chrysanthemum. Flowers very large; Pink, Lavender and White. Each, Pkt. 15 cts.

QUEEN OF THE MARKET. One of the most popular varieties, being extra early. Flowers of good size and substance, and borne on long stems. July. 1 ft. Each, pkt. 10 cts., ⅛oz. 25 cts.

Cinnabar-Carmine. **Lavender-Blue.** **Rose-Pink.**
Crimson. **Peach Blossom.** **Seal-Red.**
Deep Scarlet. **Pink.** **Finest Mixed.**
Dark Blue. **Pure White.**

SNOWDRIFT. An early, pure white variety. Flowers recurved, large, and feathery, borne on long, slender stems. July. 2 ft. Pkt. 10 cts., ⅛oz. 50 cts.

DAYBREAK TYPE. The plants of this very popular variety are strong, compact growers and very profuse bloomers. Flowers borne upright on long, stiff stems. Season August. Height 18 in.

Daybreak. Beautiful shell-pink, globe-shaped and very double. Stems strong and upright. One of the best varieties, both for bedding and cutting. August. Pkt. 10 cts., ⅛oz. 50 cts.

Lavender Daybreak. Habit of growth similar to Daybreak, but the flowers are larger, always full to the center, and of a most beautiful shade of lavender. Pkt. 10 cts., ⅛oz. 50 cts.

Salmon King Daybreak. Beautiful salmon, a novel and very pleasing shade; in other respects identical with its parent. Pkt. 10 cts., ⅛oz. 50 cts.

Yellow Daybreak (Lemon Drop). A decided yellow; flowers not quite so large as its parent, but perfect in form. Pkt. 10 cts., ⅛oz. 75 cts.

INVINCIBLE, or CARLSON EARLY BRANCHING. Possesses all the desirable qualities of the late branching Asters, but comes into bloom about ten days earlier. Each, pkt. 10 cts., ⅛oz. 30 cts.

Crimson. **Pink.** **Rose.**
Lavender. **Purple.** **White.**
Finest Mixed.

SEMPLE'S or AMERICAN BRANCHING. A fine, late strain brought to a high standard by careful selection. Excellent cut-flower variety. 2 to 2½ ft. September. Each, pkt. 10 cts., ⅛oz. 25c.

Crimson. **Light Rose-Pink.** **Pure White.**
Purple. **Shell-Pink.** **Finest Mixed.**
Lavender. **Salmon-Pink.**

Aster, Semple's or American Branching

Asters, Daybreak

VIOLET KING. Of the late branching type. Bloom round, full and very large, and of a soft violet shade; stems long and stiff. August and September. 2 to 2½ ft. Pkt. 10 cts., ⅛oz. 30 cts.

CRIMSON KING. Has all the good qualities of the late branching type; flowers double and of the largest size; rich, glossy crimson. Pkt. 10 cts., ⅛oz. 50 cts.

COMET EXPRESS, or EARLY HOHENZOLLERN. Very early; flowers large and double, borne on long stems, habit branching and free-flowering. Season July. 1½ ft. Each, pkt. 10 cts., ⅛oz. 35c.

Crimson. **Mauve.** **Salmon-Blush.**
Dark Blue. **Rose.** **White.**
Light Blue. **Finest Mixed.**

LAVENDER GEM. Large, loose flowers of a beautiful lavender shade, deepening with age. Stems long and wiry. July. 1½ ft. Pkt. 10 cts., ⅛oz. 50 cts.

WHITE FLEECE. Plants erect and branching; flowers very large and pure white; petals long and recurved. Season July. Height 1½ ft. Pkt. 10 cts., ⅛oz. 50 cts.

GIANT COMET, or OSTRICH-PLUME. Very large flowers; petals curled and twisted, resembling a chrysanthemum; admirable for decoration. 1½ to 2 ft. August. Each, pkt. 10 cts., ⅛oz. 35 cts.

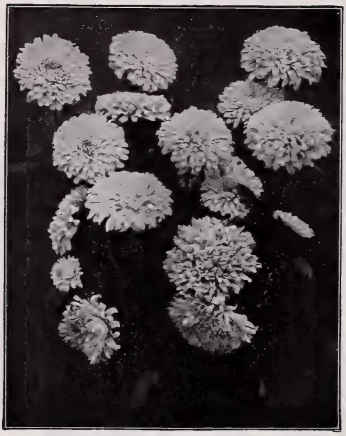
Perfection. Pure white.
Queen of Spain. Yellow, turning to flesh-color.
Salmon-Rose. Distinct color.

Crimson. **Light Blue.** **Finest Mixed.**
Dark Blue. **Silver-Gray.**

COMET GOLIATH. Flowers very large, of various colors; the largest and finest exhibition variety in existence. Season medium. August. Pkt. 10 cts., ⅛oz. 50 cts.

CREGO'S GIANT ASTERS. Flowers of the largest size, with long stems; plants very vigorous and floriferous. August and September. Height 2 to 2½ ft. Each, pkt. 10 cts., ⅛oz. 30 cts.

Crego's Giant Lavender. A charming color.
Crego's Giant Pink. Pure shell-pink.
Crego's Giant Purple.
Crego's Giant Rose-Pink. Flowers very large and of fine form.
Crego's Giant White. One of the best white Asters.
Crego's Giant Mixed.



Asters, Victoria

ASTERS, continued

HOHENZOLLERN GIANT. Flowers 6 to 7 inches across, petals long and wavy; fine; strong stems. Season medium. 2 ft. Each, pkt. 10 cts., ⅛oz. 50 cts.

Brilliant Rose. **Light Blue.** **Peach Blossom.**
Crown Prince. Brilliant carmine. **Dark Blue.** **Salmon-Rose.**
Pure White. **Finest Mixed.**

VICTORIA. Large, showy flowers, perfectly double; petals overlapping regularly, forming a very showy bloom; habit pyramidal; excellent for cutting. August, September. 1½ ft. Each, pkt. 10 cts., ⅛oz. 50 cts.

Blush Queen. Salmon-blush. **Salmon Queen.** Delicate salmon-pink.
Miss Roosevelt. Buff-yellow, center deeper yellow.
Azure-Blue. **Dark Red.** **Pure White.**
Dark Blue. **Fiery Scarlet.** **Finest Mixed.**

GIANT VICTORIA WASHINGTON, or JUBILEE. A very large form of the preceding. Flowers 5 to 6 inches in diameter. August, September. 1½ to 2 ft. **Finest Mixed.** Pkt. 10 cts., ⅛oz. 50 cts.

PEONY-FLOWERED PERFECTION. Flowers very double, of fine, globular form and beautifully incurved. August. 1½ ft. Each, pkt. 10 cts., ⅛oz. 35 cts.

Amethyst. Lovely sky-blue. **Surprise.** Apricot, shaded flesh. **Pure White.**
Crimson. **Pink.**
La Superb Rose. Fine color. **Dark Blue.** **Finest Mixed.**

LADY ROOSEVELT. Flowers incurved like a chrysanthemum; immense size; gorgeous pink; borne on long, stout stems. 40 inches in height. Pkt. 10c., ⅛oz. 50c.

PINK BEAUTY (Sada Yako). Flowers very large and double; inner petals incurved, outer reflexed; delicate blush-pink; stems long, strong and erect. August and September. 2 ft. Pkt. 10 cts., ⅛oz. 50 cts.

LAVENDER-PURPLE. Light lavender and purple. Pkt. 10 cts.

LAVENDER KING BRANCHING. Pleasant shade of deep lavender. Pkt. 10c.

PINK ENCHANTRESS. Soft delicate pink. Pkt. 10 cts.

ASTER, PERENNIAL (Michælmas Daisies). Single-flowering, hardy, herbaceous plants; large-flowering. **Mixed.** Pkt. 10 cts., ¼oz. 50 cts.

ALYSSUM

Annuals and perennials that are favorites for cutting for bouquets, as well as for edging, boxes, baskets, etc.

Benthami (Sweet Alyssum). Small white, honey-scented flowers. Pkt. 5 cts., oz. 25 cts.

Benthami compactum, Little Gem. Compact, erect-flowering variety; white. 4 to 6 in. Pkt. 5 cts., oz. 50 cts.

Benthami procumbens, White Carpet, or **Dwarf Bouquet.** Only a few inches high; of a spreading habit. Pkt. 10 cts., ¼oz. 30 cts.

Compactum lilacum, Lilac Queen. Distinct color, other varieties being white; pure lilac and very floriferous. Pkt. 15 cts.

Saxatile citrinum. HP. Dwarf and bushy; masses of pale yellow flowers in spring. 1 ft. Pkt. 5 cts., ¼oz. 30 cts.

AMARANTUS

Tender, decorative annuals useful for border plants, centers of beds and among shrubbery. They are strong growers and should have 2 to 3 feet space for each plant. Height 2 to 3 feet.

Aurea. Leaves long and arching, green and bronze at the base, coloring toward the top to rose-yellow, red and green. Pkt. 10 cts.

Brilliant. Bright red, tips of branches carmine-rose, red and yellow. Pkt. 10 cts.

Caudatus (Love-Lies-Bleeding). Blood-red; drooping racemes. Pkt. 5 cts.

Tricolor splendens gigantea (Joseph's Coat). Foliage scarlet, yellow and green. Pkt. 10 cts.

ANCHUSA Italica, Dropmore Variety. HP. A great improvement on the type. Vigorous, branching habit; large, blue flowers in abundance during June and July. Pkt. 15 cts., ¼oz. 60 cts.

ANEMONE (Windflower) HP

Lovely flowers in many shades of scarlet, blue, purple and white; flowers 2 inches and over in diameter, durable. elegant for cutting.

Double Chrysanthemum-flowered. Beautiful flowers in fine mixture. Pkt. 10 cts., ¼oz. 50 cts.

St. Brigid. Produces double and semi-double flowers in a wonderful array of colors. Pkt. 15 cts., ¼oz. 50 cts.

ANTHEMIS tinctoria Kelwayi. HP. An improved variety, with bright yellow, daisy-like flowers. Pkt. 10 cts., ¼oz. 25 cts.

ANTHERICUM Liliastrum major. HP. Large white flowers with a green spot on each petal; narrow, grass-like foliage. Pkt. 25 cts., ⅛oz. 50 cts.

ARABIS alpina grandiflora superba. HP. Very free, spring-flowering plant, with verbena-like heads of snow-white flowers. 3 ft. Pkt. 25 cts., ⅛oz. 50 cts.

ARCTOTIS grandis. TA. Very bushy and free-flowering; pure white, many-petaled flowers, with colored stamens forming a lavender center, surrounded by narrow zone; under side of petals lilac. Pkt. 10 cts., ¼oz. 30 cts.

ARGEMONE hybrida grandiflora. HA. Showy, bushy plant, with pale green spring foliage with silvery midrib. Flowers poppy-like and of satiny texture, 2½ to 3 inches across, in various shades of yellow and white. Pkt. 10 cts., ⅛oz. 15 cts.

ASCLEPIAS tuberosa. HP. Compact umbels of brilliant orange-red flowers; one of the most interesting plants and unique in many ways; fine for border. 2 ft. Pkt. 10 cts.

ASPARAGUS TP

Very graceful plants extensively grown for cutting, the foliage being used in all designs, bouquets, etc.

Plumosus nanus. Beautiful fern-like sprays of foliage. Pkt. 10 cts., 50 seeds 55 cts., 100 seeds, $1.

Sprengeri. Makes a beautiful basket and useful for cutting. Pkt. 10 cts., 50 seeds, 30 cts., 100 seeds 50 cts.

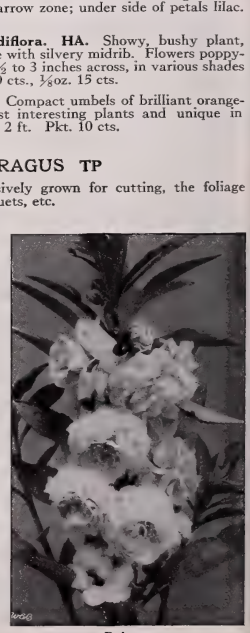
Hatcheri. Of the Plumosus type. Growth strong and symmetrical; fronds closely set on the stalk. Pkt. 25 cts.

BALSAM HHA
(Lady's Slipper)

Give brilliant masses of beautiful flowers for little care. Plants about 2 ft. in height; transplanting dwarfs them and renders the flowers more double.

Double White Perfection. Pure white; large and full to the center. Pkt. 10 cts., ⅛oz. 25 cts.

Camellia-flowered. Very large, double and perfect flowers, camellia-like in form. In many colors, mixed. Pkt. 5 cts., oz. 60 cts.



Balsam

BEGONIA TP

The many improvements in this family now permit their use for almost any desired end. The tuberous-rooted varieties are beautiful house plants and very useful as bedding plants. The Semperflorens varieties are excellent bedding plants, are equally valuable as pot-plants for decorative purposes and afford nice sprays for cut-flowers. Some of the varieties form very charming plants for baskets, etc., whilst the Rex section and others supply elegant foliaged subjects.

Semperflorens and Gracilis Varieties

The following varieties are all adapted for bedding and are perpetual bloomers; also fine as pot-plants. Height about 10 inches.

Erfordia. A popular variety, with handsome dark foliage and rose-carmine flowers. 1 ft. Pkt. 25 cts.

Salmon Queen. New. Large, salmon-colored blooms; dark foliage. Pkt. 25 cts.

Vernon. Dark green foliage, shaded bronzy red; flowers deep, glowing rose; branching habit and fine for pots or bedding. 1 ft. Pkt. 10 cts.

Dwarf Vernon. Forms a small, round plant, covered continually with brilliant red flowers; foliage deep, brownish red. Pkt. 25 cts.

Vulcan. A grand bedder, 1 foot high; glowing vermilion flowers; dark brownish foliage. Pkt. 25 cts.

Gracilis. Fine for grouping. Vigorous grower and in constant bloom during the summer. Equally valuable for the conservatory. Pkt. 15 cts.

Gracilis rosea. Handsome flower of a delicate rose-color. Pkt. 25 cts.

Gracilis, Bonfire. Produces masses of large, lustrous carmine-scarlet flowers; foliage metallic brown. Pkt. 25 cts.

Tuberous-Rooted (*Begonia hybrida*)

These are not difficult to grow from seed, though special care must be given them in seedling state. January-sown seed will produce blooming plants in July, while sowings made at this latter date will furnish nice stock for spring and summer bloom.

Single Large-flowering Varieties. In splendid mixture. Pkt. 25c.

Single Fringed (Crispa, or Fimbriata). Splendid mixture of white, cream, rose, red, carmine, etc. Forty per cent come true from seed; flowers large. Pkt. 25 cts.

Single Crested, or Bearded (Cristata). About 40 per cent of the flowers have large, flat petals with crested combs. Mixed colors—white, yellow, scarlet, etc. Pkt. 25 cts.

Double Mixed. A very fine strain of well-formed flowers, consisting of white, rose, yellow, orange, scarlet, dark red, etc. Pkt. 25c.

Crispa marginata. White with carmine-rose margins, and yellow with red margins. Pkt. 25 cts.

Begonia Dichroa. Leaves light green blotched white, while the later leaves that follow the flowering period are entirely green. Flowers are brilliant salmon. 2 ft. Pkt. 25 cts.

Begonia Rex, Hybrid Varieties, Mixed. Large, handsome leaves, variegated with bronze, silver, gray, etc. Pkt. 50 cts.

Begonia Rubens. Rex foliage with elegant shades of red and dark rose. Very sturdy class and about 60 per cent come true from seed. Pkt. 5 cts.

BALLOON VINE (Cardiospermum). A rapid-growing annual climber. White flowers, succeeded by balloon-like seed vessels. 10 to 15 ft. Pkt. 5 cts., oz. 25 cts.

BELLIS PERENNIS (English Daisy) HP

Do well in almost any soil preferring a partially shaded position. Flower from early spring until early fall and may then be divided and held in frames for following season's planting. Height 5 to 6 inches.

Monstrosa. Flowers very double, of immense size, 2 to 3 inches across and borne on long, strong stems. White, Rose, Red and Mixed. Each, pkt. 15 cts.

The Bride. New Giant-flowered White. Very double flowers on long, straight stems; early and free. Pkt. 15 cts.

Giant Longfellow. Large, double, rose-colored flowers. Pkt. 10 cts., ⅛oz. 50 cts.

Giant Snowball. Large; perfect double; white. Pkt. 10c., ⅛oz. 50c.

Giant Red. Large-flowering; double; red. Pkt. 10 cts., ⅛oz. 50c.

Giant Mixed. Pkt. 10 cts., ⅛oz. 50 cts.

BETA (Ornamental-Leaved Beet) TB

For edging or border plants.

Brazilian Golden, Crimson, and **Mixed.** Fine border plants; very showy; entire leaf-stalk and midrib intensely colored; very attractive. 2 ft. Each, pkt. 10 cts., oz. 25 cts.

BIDENS atrosanguinea hybrida. In all shades from rosy carmine, light and dark crimson, to deep blood-red. Pkt. 15 cts.

BOCCONIA Japonica. HP. Large, glaucous leaves and tall flower-stems with terminal panicles of white flowers. 6 ft. Pkt. 5 cts., oz. 50 cts.

BRACHYCOME iberidifolia (Swan River Daisy). **HHA.** Blue, white and rose-colored flowers with blackish disk surrounded by narrow white halo. 1 ft. All colors mixed, pkt. 5 cts., ¼oz. 25 cts.

BROWALLIA TA

Elata cærulea grandiflora. Beautiful sky-blue. Elegant winter-blooming plant and also a nice bedding plant in sheltered position. 1½ ft. Pkt. 10 cts.

Speciosa major. This is a beautiful pot-plant that is almost constantly in bloom. Can be planted out in summer and lifted in fall. Violet-blue flowers. 1½ ft. Pkt. 25 cts.

CACALIA coccinea (Tassel Flower, or Ladies' Paint Brush). **HA.** An old-time favorite for the border. Flowers orange-scarlet and very nice for cutting. 1½ ft. Pkt. 5 cts., ¼oz. 25 cts.

Campanula Medium

CAMPANULA (Bellflower)

A family containing many beautiful border plants, several varieties beautiful as pot-plants. Mainly hardy biennials and perennials.

Calycanthema (Cup-and-Saucer). **HB.** Delightful in form and colors, and elegant subjects for the garden or for pot culture. 2 to 2½ ft. Blue, Rose, Striped and White. Each, pkt. 15 cts., ⅛oz. 75 cts. Mixed, pkt. 10 cts., ¼oz. 60 cts.

Medium (Canterbury Bell). **HB.** Large, bell-shaped flowers in many shades. Elegant border or pot-plants. A proportion of seedlings will vary from color, while some single flowers will be found among the double-flowered seedlings. 2 to 2½ ft.

Single Blue, Lilac, Rose, White and Striped. Each, pkt. 10 cts. Mixed, pkt. 5 cts., ¼oz. 25 cts.

Double Blue, Lilac, Rose and Striped. Each, pkt. 5 cts., ¼oz. 40c.

Carpatica (Harebell). **HB.** Dwarf plants with cup-shaped flowers, suitable for borders, edging, etc. 1 ft. White, blue and violet mixed. Pkt. 5 cts., ¼oz. 30 cts.

Pyramidalis (Chimney Bellflower). **HP.** Stately plants with stems 4 to 5 feet high; fine for borders or as large, decorative pot-plants; large, broad, tubular flowers. Finest mixture of blue and white. Pkt. 10 cts., ¼oz. 25 cts.

Imperialis. HB. A new strain of regular pyramidal habit with upright flowers, rich colors; fine for pot-plants. 2 ft. Mixture of white, rose and blue shades. Pkt. 10 cts., ⅛oz. 25 cts.

Persicifolia grandiflora (Peach Bells). **HP.** Flowers extra large and cup-shaped; elegant for pot-plants; also for border. 2 ft. Mixture of single blue and white, pkt. 10 cts., ⅛oz. 75 cts. Mixture of double blue and white, pkt. 15 cts., ⅛oz. $1

Marguerite Carnations

CALAMPELIS HHP

Scaber (Chilian Glory Flower). A new rough-foliaged climber, with tubular orange flowers in racemes. 10 ft. Pkt. 10 cts.

Scaber roseus. New. Salmon-rose flowers. Pkt. 10 cts.

CALCEOLARIA (Slipperwort) TP

These are mainly gorgeous greenhouse flowering plants. Their peculiar form and the brilliant colors of their flowers make them distinctly attractive. We offer the best strains obtainable.

Large-flowered, Self-colored. Robust; good habit. Very large flowers and free. Pkt. 25 cts.

Large-flowered, Tigered or **Spotted.** Most brilliant flowers, beautifully marked. Pkt. 25 cts.

CALENDULA (Pot Marigold) HA

Very showy and thrifty plants, particularly adapted for dry and poor soils, although they thrive in any sunny location. Extremely showy from late summer until cut down by frost. 1 to 1½ ft.

Favorite. Light sulphur-yellow, petals striped creamy white. Pkt. 5 cts., oz. 25 cts.

Meteor. Double; yellow, striped with orange. Pkt. 5 cts., oz. 25c.

Prince of Orange. A very dark Meteor; large, double, yellow flowers. Pkt. 5 cts., oz. 25 cts.

Pure Gold. Very large, double flowers of golden yellow; semi-dwarf; a splendid variety. Pkt. 5 cts., oz. 30 cts.

Mixed Varieties. Pkt. 5 cts., oz. 25 cts.

CALLIOPSIS (Bright Eyes) HA

Very attractive, free-flowering plants of the easiest culture, thriving in any ordinary soil. The new hybrids are very showy and flowers range in color from bright yellow to deep old-gold shades and from blood-red to deep brown. Quite commonly two distinct colors are seen on one plant and even in one blossom. Height 6 in. to 2½ ft.

Crimson King. Plant from 6 to 8 inches high, covered with a mass of glowing, dark crimson flowers. Splendid for bedding or as a pot-plant. Pkt. 5 cts., ¼oz. 15 cts

Drummondii, Golden Wave. Bright yellow flowers with brown eyes. Pkt. 5 cts., ¼oz. 15 cts.

Hybrida superba. A beautiful strain; quite bushy in habit, some medium, others tall. Colors are very bright and attractive, many individual plants having flowers of two different colors; in size, blossoms vary from small to large. 1 to 2 ft. Pkt. 5 cts., ¼oz. 20 cts.

CALLIRHOE HP

Involucrata. Very showy, large, crimson flowers; trailing habit. Pkt. 5 cts., ¼oz. 25 cts.

Verticillata (Poppy Mallow). Of spreading growth and blooming all summer; large, crimson flowers. 1½ ft. Pkt. 10 cts., ¼oz. 30 cts.

CARDINAL CLIMBER. A beautiful climber; strong and rapid grower, with fern-like foliage and fiery red flowers. Pkt. 10 cts.

CARNATION (*Dianthus Caryophyllus*) HP

These, while belonging to the hardy perennials, may nearly all be flowered the first season by sowing early. Seedlings possess great vigor and, as a rule, produce more flowers than plants from cuttings.

Giant Marguerite, or **Malmaison.** Early flowering; seed sown in February will flower in June. Fine for cut-flowers. Splendid mixture from largest flowers. 1 ft. Pkt. 10 cts., ⅛oz. 25 cts.

Marguerite, Half-Dwarf. Valuable cut-flower varieties; sweet-scented and bloom from July to frost, from February-sown seed. Flowers large, with rich colors. 1 ft. Pkt. 10 cts., ¼oz. 30 cts.

Chabaud's Everblooming. Produces a high percentage of double flowers, blooming five to six months after sowing. Pkt. 25 cts.

CANDYTUFT (Iberis) HA and HB

A general favorite. Valuable for masses, edging and prized for cutting; free-flowering.

Giant Hyacinth-flowered, or **Empress.** Very fine, large heads of pure white flowers; sturdy and compact. 1 ft. Pkt. 5 cts., oz. 40c.

Dwarf Hybrids. Large spikes of flowers, valuable for cutting or as a border plant; fine mixed colors of carmine, flesh, lilac and purple. 6 in. Pkt. 10 cts., oz. 50 cts.

Umbellata carminea. Brilliant carmine. Pkt. 10 cts., oz. 50 cts.

Umbellata, Queen of Italy. Thickly studded with fine pink flowers. Pkt. 10 cts., oz. 50 cts.

Umbellata, Rose-Cardinal. Dark pink. Pkt. 10 cts., ¼oz. 35c.

Umbellata, Mixed. All colors. Pkt. 5 cts., oz. 25 cts.

Gibraltarica Hybrids. HB. A dwarf, compact form with purple-and-white flowers. 1 ft. Pkt. 10 cts., ⅛oz. 50 cts.

Sempervirens. HB. Evergreen, glossy foliage; flowers white. Pkt. 10 cts., ⅛oz. 30 cts.

CANARY CREEPER (*Tropæolum Canariense*). Canary-Bird Flower. **HHA.** Very elegant vine for trellis or vases; bright yellow flowers; neat foliage. 10 to 15 ft. Pkt. 5 cts., oz. 25 cts.

CANNA (Indian Shot) HHP

Indispensable in the garden for flowering and foliage effects. The dwarf French varieties are remarkably free and may also be grown as pot-plants. Seeds are very hard, as the name implies, and should be soaked 12 to 24 hours in warm water before sowing, or notched with file or knife; heat is essential to germination, but under any conditions they will come up successfully.

Crozy's Grand Hybrids. Finest mixture of the dwarf French varieties. 3 to 4 ft. Pkt. 5 cts., oz. 25 cts.

CAPSICUM (Ornamental Pepper). **Little Gem. TA.** A nice market plant, with erect, small, scarlet fruit. Grows 1 foot high. Pkt. 10c.

Candytuft

Celosia Thompsoni magnifica

CELOSIA TA

Cockscomb

Celosia cristata

Handsome and distinct; the comb-like heads may be grown to a large size and make fine decorative plants and unique beds.

Empress. Enormous crimson heads; dark foliage; dwarf. Pkt. 10 cts., ⅛oz. 30 cts.

Glasgow Prize (President Thiers). Very fine crimson combs; dwarf. Pkt. 10 cts., ⅛oz. 30 cts.

Queen of the Dwarfs. Plants attain a height of only 8 inches. Combs of a beautiful dark rose-color. Pkt. 10 cts., ⅛oz. 30 cts.

Celosia plumosa

Plumed or Feathered Cockscomb

Of pyramidal growth, with superb feathery plumes. Grand pot-plants and beautiful for beds during the summer months.

Thompsoni magnifica. A mixture of improved varieties of splendid colors. 1½ ft. Crimson, Gold-Yellow and Mixed. Each, pkt. 10 cts., ⅛ oz. 25 cts.

Pride of Castle Gould. A new Ostrich-plume variety. Plants compact and pyramidal, producing immense flower-heads resembling willowy plumes, in many remarkable shades. Pkt. 15 cts., ⅛oz. $1.25.

CENTAUREA

A very large and varied genus containing numerous handsome foliage and flowering species.

Montana (Perennial Cornflower). **HP.** Large, violet-blue flowers. Blooms from July until frost. Pkt. 15 cts.

Americana alba. HA. A beautiful native variety with numerous large, creamy white flowers, 5 inches in diameter, long-stemmed and nice for cutting. 2 ft. Pkt. 25 cts.

Cyanus. HA. The Bluebottle, Bachelor's Button, or Cornflower of the old gardens. A weed in the European cornfields. They commonly come up year after year, seeding themselves. 2½ ft.

All Colors, Mixed. Pkt. 5 cts., oz. 25 cts.

Emperor William. Dark blue. Pkt. 5 cts., oz. 30 cts.

Double Mixed. Fifty to 60 per cent true. Pkt. 10 cts., oz. 50c.

Suaveolens (Yellow Sweet Sultan). **HA.** Very sweet, honey-like odor; fall-sown seeds produce plants more prolific in flower than spring-sown. 1½ ft. Pkt. 5 cts., ¼oz. 20 cts.

Imperialis. These are beautiful giant varieties, the finest of the collection. They are vigorous growers, branch freely and send out numerous side shoots, producing flowers during a long period. 3 to 3½ ft. Purple, White, Lilac, Lavender, Dark Rose, Light Rose, Yellow and Mixed. Each, pkt. 10 cts., ¼oz. 20 cts.

Marguerite. Very large, pure white, sweet-scented flowers. 1½ ft. Pkt. 10c., ¼oz. 25c.

Moschata rosea. Delicate rosy white with pink stamens. Pkt. 15 cts.

Candidissima. HHP. Very handsome silvery foliage used in quantity for bedding, edging, basket, etc. 9 in. Pkt. 10 cts., ⅛oz. 50 cts.

Gymnocarpa. HHP. Silver foliage; a popular bedding variety. Pkt. 10c., ¼oz. 35c.

CLEOME gigantea (Spider Plant). **HHA.** A beautiful new species, having very long stamens giving the flowers a resemblance to the spider; showy. Plants are vigorous growers and constantly in flower. Makes a fine border plant. 3 to 4 ft. Pkt. 10 cts. ¼oz. 25 cts.

Centaurea imperialis

CHRYSANTHEMUMS

A large family of plants of varied character, nearly all valuable for cut-flowers.

Annuals

Very showy and popular; known as Painted Daisies and Summer Marguerites. Useful as pot-plants, as well as for cutting and bedding.

Carinatum (tricolor), Eclipse. Golden yellow, scarlet ring. 1½ ft. Pkt. 10 cts., ⅛oz. 20 cts.

Carinatum, Evening Star. Bright golden yellow flowers, 3 to 4 inches across. 1½ ft. Pkt. 10 cts., ⅛oz. 20 cts.

Carinatum, Morning Star. Large; primrose-yellow with golden center. 1½ ft. Pkt. 10 cts., ⅛oz. 20 cts.

Carinatum, Northern Star. A giant white variety, with flowers 3½ inches across; dark center. 1½ ft. Pkt. 10 cts., ⅛oz. 20 cts.

Carinatum, Single-flowering Varieties, Mixed. Pkt. 5 cts., ¼oz. 25 cts.

Carinatum, Double-flowering Vars., Mixed. Pkt. 5c., ¼oz. 25c.

Coronarium, Double, Mixed. Pkt. 5 cts., ¼oz. 15 cts.

Inodorum, Bridal Robe. A dwarf variety with snow-white, very double flowers; fine foliage. An elegant pot-plant and nice for beds; very free; fair percentage double from seed. ¾ ft. Pkt. 10 cts., ⅛oz. 25c.

Greenhouse and Hardy Perennials

Frutescens grandiflora (Marguerite, or Paris Daisy). White with yellow eye. Pkt. 10 cts.

Frutescens, Comtesse de Chambord (Yellow Paris Daisy). Pure yellow. Pkt. 10 cts.

Japonicum. HHP. The Japanese varieties may quite readily be grown from seed. Sown early, will bloom freely the same season. Pkt. 25 cts.

Leucanthemum hybridum maximum (Shasta Daisy, Alaska). Flowers on long stems, 5 to 6 inches and over in diameter, very fine for house decoration. 2½ ft. Pkt. 25c.

Chrysanthemum inodorum, Bridal Robe

COBÆA scandens. TP. A popular climber of very rapid growth. Large, bell-shaped, blue flowers. Will rapidly cover a large trellis, and its quaint flowers are most interesting. Should be started indoors and not planted out until all danger from frost is past. Pkt. 10 cts., ¼oz. 25 cts.

CINERARIA TP

Very distinct and ornamental house plants, with magnificent heads of velvety bloom, the colors of which include white, very delicate to very dark blue, all shades of pink, carmine and crimson, with bicolors of crimson and white, blue and white, etc. Splendid, large flowers.

Hybrida grandiflora. Large-flowering Prize Strain. Unsurpassed for richness of color and perfection of form. 1½ ft. Pkt. 50c.

Hybrida grandiflora, Semi-dwarf. Large-flowering Prize Strains. Superb mixture of splendid varieties. 1 ft. Pkt. 50 cts.

Hybrida grandiflora, Matador. Beautiful scarlet; a most dazzling color; of French origin, and entirely new in Cinerarias. Pkt. 50 cts.

Hybrida stellata (Star Cineraria). Large panicles of star-shaped flowers in many pleasing colors; very valuable for cutting and as decorative pot-plants. 2 to 3 ft. Pkt. 50 cts.

Maritima, Diamond. HP. A beautiful foliage variety; pure white leaves; for pots and bedding. 1 ft. Pkt. 10 cts., ¼oz. 25 cts.

CLARKIA

Hardy annuals; easily grown; flower freely, are showy in the border, good for cutting, and form nice pot-plants.

Elegans, Double and **Single Mixed.** 2 ft. Pkt. 5 cts., ¼oz. 25 cts.

Elegans, Orange King. Bright orange-scarlet; very double. Pkt. 10 cts.

Elegans, Queen Mary. Lovely rose-carmine; very double. Pkt. 10c.

Elegans fl. pl., Scarlet Queen. Glowing salmon-orange. Pkt. 10c.

Cosmos, Lady Lenox, Pink and White

COLEUS

Hybrida. TP. Splendid foliage varieties from a superb collection. Pkt. 25 cts.

Bizarre Hybrids. Very showy with peculiar color combinations. Vivid copper-colored, fiery red and pink, purple, violet-brown, etc. Good growth displays their character with fifth or sixth leaf. Pkt. 50c.

Large-leaved. Saved from new superbly variegated sorts. Finest Mixed, pkt. 25 cts.

Scotch Variegated. Foliage large, in bright tones of red, purple, violet, green, yellow and white. Pkt. 15 cts.

CONVOLVULUS minor (Tricolor). Beautiful hardy annuals that delight in sun and are very showy in beds, borders and on rockwork; 1 ft. Mixed colors. Pkt. 5 cts., oz. 20 cts.

COREOPSIS HP

Grandiflora. Large, golden yellow flowers from summer to autumn. Valuable for cutting and a fine border variety. Pkt. 10 cts., ¼oz. 15 cts.

Coreopsis grandiflora

Grandiflora compacta. A new compact form of the preceding variety; fine, large, golden yellow flowers on long, stiff stems; good for cutting. Pkt. 10 cts., ¼oz. 25 cts.

CORN, RAINBOW. Leaves have broad stripes of crimson, yellow, white, green, rose or bronze; a fine decorative plant for the garden. Pkt. 10 cts.

CUPHEA platycentra (Cigar Plant). **TP.** Black-and-scarlet; very free-flowering. A handsome pot-plant and nice for vases, baskets, etc. 1 ft. Pkt. 25 cts.

CYPRESS VINE (*Ipomœa Quamoclit*). Very popular small vine, with delicate, fern-like foliage and masses of beautiful, star-shaped scarlet and white flowers. Fine for a small trellis. Mixed. Pkt. 5 cts., oz 25 cts.

CYPERUS alternifolius nanus compactus. TP. Pkt. 25 cts.

COSMOS HHA

Mexican plants with handsome, cut foliage and graceful, long-stemmed, showy flowers, known as Mexican Dahlias. The Mammoth varieties should be sown early and the growth pinched when well established. This checking of the growth, as with dahlias, induces early-flowering, thereby avoiding frosts, which otherwise may overtake them. The pinching will also render plants more sturdy and compact and provide a larger number of blooms.

Crimson Ray. Distinct new type; grows 4 to 5 ft. high. Very profuse in bloom; flowers many-petaled and petals narrow and fluted, separated in star-like form; most brilliant crimson. Pkt. 15c.

Early-flowering. Strain of great beauty, flowering from July till frost. White, Pink, Purple, Crimson, and Dawn (white, tinted rose). 4 ft. Each color, or mixed, pkt. 10 cts., ¼oz. 25 cts.

Klondyke. Flowers orange-yellow; early and continuous bloomer, also nice as a pot-plant. 4 ft. Pkt. 10 cts., ⅛oz. 50 cts.

Lady Lenox. Flowers 5 to 6 inches in diameter. Beautiful Shell-Pink and White. Elegant for cutting. 6 ft. Each, pkt. 10c., ¼oz. 25c.

Mammoth Perfection. Very fine large-flowered varieties attaining a diameter of 4 inches. **White, Pink, Red** and **Mixed.** Each, pkt. 5 cts., ¼oz. 25 cts.

CYCLAMEN TP°

A popular pot-plant for winter and spring flowering; blooms are very freely produced and last a long time. Seedlings bloom in eight to ten months.

Mrs. Buckston. New and quite distinct. Plants very vigorous in growth, with large, beautifully frilled salmon flowers, produced in profusion. Pkt. 50 cts.

Giant-Flowered Prize Strain

Rose of Marienthal. Brilliant pink; extra fine.
Glory of Wandsbek. Salmon-red.
Rose of Wandsbek. Salmon-rose.
Victoria. White or light rose with red eye, and beautiful red-fringed edge.
Albo-violaceo striata. White, streaked and flashed purple, violet or rose.
Glowing Dark Red, Glowing Red, Lilac, Pure White, White with Red Eye, and Mixed.

Each variety, 25 seeds 50 cts., 50 seeds 80 cts., 100 seeds $1.50

Giant-flowered Fringed Superb, Mixed. 25 seeds 50 cts., 50 seeds 80 cts., 100 seeds $1.50.

Cineraria hybrida grandiflora (see page 33)

DATURA cornucopia (Thorn Apple, or Trumpet Flower). **HHA.** This is a very sweet-scented double form having two cones, one within the other; interior white, exterior violet-purple. 1½ ft. Pkt. 10 cts.

DAHLIAS HHP

Very easily grown from seed, and the beautiful new introductions of the past seasons afford single and double flowers in wonderful variety, all classes coming quite true from seed, and supplying magnificent colors. In the garden these seedling Dahlias bloom as early and freely as the plants grown from tubers.

Double, Large-flowering Show Varieties. Saved from the finest double flowers. Pkt. 10 cts., ⅛oz. 25 cts.

Giant Hybrids. Single and semi-double, immense flowers, on long stems. Pkt. 15 cts.

Giant-flowered, Double, Decorative. Flowers of immense size, very double and of various colors. Pkt. 15 cts.

Japanese, "Rivoire." Gorgeous and varied colors. Pkt. 15 cts.

Twentieth Century, or **Orchid-flowered.** Flowers single and very large, 4 to 7 inches in diameter, from white to deep crimson; late. Pkt. 10 cts., ⅛oz. 50 cts.

Cactus, Double, Large-flowering, Dwarf. Very distinct and showy; many colors. 3 to 4 ft. Pkt. 10 cts., ⅛oz. 50 cts.

Cactus, Single-flowered. From a fine collection. Pkt. 10 cts., ⅛oz. 25 cts.

Single Mixed. Pkt. 5 cts., ¼oz. 25c.

DELPHINIUM HP

These, when established, form most stately plants that bloom throughout July, August and September. Magnificent blues predominate, although other attractive colors are not wanting. The entire list will bloom the first season from early-sown seed. July and August are good months for outdoor sowing. Flower-spikes that have lost their beauty should be removed promptly, promoting additional bloom.

Cardinale. Elegant scarlet flowers with yellow centers. 3 ft. Pkt. 25 cts.

Cashmerianum. Pale to deep blue flowers; dwarf, branching habit; distinct. 1½ ft. Pkt. 15 cts., ⅛oz. 75 cts.

Formosum. Dark blue with white eye; a popular variety. 2½ ft. Pkt. 5c., ¼oz. 25c.

Formosum grandiflorum. New. A giant form of the preceding. Pkt. 10 cts., ⅛oz. 50 cts.

Formosum cœlestinum. One of the most lovely blues, a celestial color. 2½ ft. Pkt. 15 cts., ¼oz. 50 cts.

Grandiflorum (Chinese Larkspur). Pale to deep blue shades. Pkt. 5 cts., ¼oz. 25 cts.

Grandiflorum album. Pure white; comes true from seed. Pkt. 5 cts., ¼oz. 25c.

Kelway's Hybrids. Flower-spikes very large, varying in color from pearly white to lavender and from soft azure-blue to rich indigo. A noted strain. Pkt. 15 cts., ¼oz. 50c.

Double-flowering Hybrids. Best double-flowering varieties from a rich collection. 3½ to 4 ft. Pkt. 15 cts., ¼oz. 50 cts.

Belladonna. Blooming from June until frost, its clear turquoise-blue flowers are unsurpassed. Pkt. 25 cts., ½oz. $1.

Zalil. Flowers sulphur-yellow, produced freely from June until August; spikes long, with forty to fifty flowers on each. Pkt. 15c.

Blue Butterfly. HA. A very charming salvia-blue annual variety, forming a compact, free-flowering bush of about 15 inches in height. Pkt. 15 cts.

Perennial Delphinium

DIANTHUS (The Divine Flower)

The rich coloring, with the varied forms and fringing of petals common to many varieties, render them very attractive. They are all useful for bedding and all serviceable for cutting. The Annual Pinks may be sown in autumn or spring. An adornment to every garden.

Double Annual Pinks

CHINA or **INDIAN PINKS** (*Diantbus Sinensis*). Flowering from early summer to fall; strong, sturdy growers, suitable for beds and borders. Flowers very double and in unlimited variety of colors borne on long, stiff stems. Finest Mixed. Pkt. 5 cts., ¼oz. 15 cts., oz. 50 cts.

JAPANESE PINKS (*D. Heddewigi* and varieties). A beautiful class of sturdy-growing plants, 10 to 12 inches high and of the same width; handsomely marbled and mottled flowers in all imaginable colors, 2 inches and over in diameter. Finest Mixed. Pkt. 5 cts., ¼oz. 25 cts.

Fireball. A dwarf bedding variety, with blood-red flowers. Pkt. 10 cts., ¼oz. 50 cts.

Purity. Snow-white; clove-scented; fine for cutting. Pkt. 5 cts., ¼oz. 30 cts.

Marvelous. Very large and beautiful, fringed flowers, rich and varied; elegant for cutting. Pkt. 10 cts., ¼ oz. 50 cts.

Salmon King. Fringed flowers of a beautiful salmon-rose. Pkt. 10 cts., ¼oz. 50 cts.

Striped Beauty. Fringed; striped in many combinations; beautiful. Pkt. 5 cts., ¼oz. 35 cts.

Snowball. Fringed, snow-white flowers; fine for cutting. Pkt. 5 cts., ¼oz. 35 cts.

Diadem Pinks (*D. Heddewigi diadematus*). Very large, showy flowers, beautifully marked and flaked. Splendid Mixed. Pkt. 5 cts., ¼oz. 30 cts.

Royal Pink (*D. Heddewigi nobilis*). A beautiful class for cutting; flowers large and exceedingly fragrant, very double and on long stems; colors range from white to rose, and scarlet to blood-red. Pkt. 10 cts., ¼oz. 50 cts.

Imperial Pink (*D. imperialis fl. pl.*). These have a wide range of showy colors, and are profuse bloomers. Fine for beds. Superb Mixture. Pkt. 5 cts., ¼oz. 30 cts.

Single Annual Pinks

Japanese, Crimson Belle. Large, handsome, dark red flowers. Pkt. 5 cts., ¼oz. 25 cts.

Japanese, Eastern Queen. Flowers marbled rose and white. Pkt. 5 cts., ¼oz., 25 cts.

Marvelous. Beautiful, fringed flowers, rich and varied in colors; fine for cutting. Pkt. 5 cts., ¼oz. 25 cts.

Salmon Queen. Very large, fringed flowers, salmon-rose to deeper shades. Pkt. 5 cts., ¼oz. 35 cts.

Vesuvius. Orange-scarlet, fringed flowers. Pkt. 5 cts., ¼oz. 40c.

Princess. Flowers striped, blotched and fringed. Mixed. Pkt. 5 cts., ¼oz. 30 cts.

Royal Pink. Large flowers; petals fringed and crimped. Blood-red torose, carmine-pink, and occasionally white in color. Finest Mixed. Pkt. 5 cts., ¼oz. 25 cts.

Hardy Garden Pinks

Very desirable for beds, borders, cemetery planting, etc. The flowers are highly prized for their spicy, refreshing odor.

Double White Clove Pink, Mrs. Sinkins (*D. plumarius semperflorens fl. pl.*). A beautiful white variety; very double, sweet and nice for cutting. Pkt. 50 cts.

Double Red Clove Pink, Homer. Fine, double; dark rose, crimson center. Pkt. 50 cts.

Dwarf Erfurt, Clove Pink (*D. plumarius nanus fl. pl.*). Double, fringed flowers, two weeks earlier than others, and have a much richer variety of coloring. Pkt. 15 cts., ½oz. 50 cts.

Double and Semi-double Grass Pink (*D. plumarius fl. pl.*). Double and semi-double flowers in variety. Pkt. 10 cts., ½oz. 50 cts.

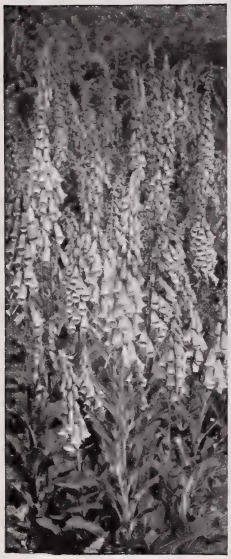
Perpetual Pink (*D. plumarius semperflorens*). These are ever-blooming garden Pinks, in many colors; single, semi-double and double-flowered, and of spicy fragrance. Pkt. 10 cts., ¼oz. 50 cts.

Single, Finest Mixed (Pheasant's Eye; *D. plumarius*). Many-colored, fragrant flowers, nicely fringed. Pkt. 5 cts., ¼oz. 15 cts.

DIGITALIS

Thimble Flower, or Foxglove HP

These are beautiful perennials for the border, etc., and some are elegant pot-plants, blooming very readily in 4-inch pots in spring. For this purpose seed should be sown in August and grown slowly during the winter.



Digitalis grandiflora

Grandiflora. A beautiful dwarf; chrome-yellow; 3 ft. Pkt. 5 cts., ¼oz. 25 cts.

Gloxiniæflora. Fine assortment of large-flowered varieties; 3½ to 4 ft. Colors Pale Pink, White and Mixed. Each, pkt. 5 cts., ¼oz. 25 cts.

Maculata superba, Mixed. A very choice strain of spotted flowers, on long stalks. Pkt. 10 cts., ¼oz. 30c.

Monstrosa. A charming and unique strain. The beautiful spikes of flowers are topped by one very large, cup-shaped flower. They are borne in long clusters, are very nice for cutting, particularly the pure white, and form beautiful pot-plants. Colors are white, lilac, light purple, and some approaching pink. Mixed, pkt. 10 cts., ¼oz. 40 cts.

DIMORPHOTHECA aurantiaca (African Golden Orange Daisy). **HA.** A wonderfully free-flowering plant from South Africa that has proved itself worthy of its many tributes of praise. It begins flowering in small pots six weeks after sowing, and forms a nice pot-plant. In the garden it is a continual sheet of bloom. The many-petaled flowers are deep orange or ochre-yellow with a black zone at the base and a small brown disc; 6 to 9 in. Pkt. 10 cts., ⅛oz. 30 cts.

DOLICHOS (Hyacinth Bean)

A family of climbing Beans, bearing large, handsome foliage and bright flowers, followed by curious bean-shaped pods of various colors.

Darkness. Stems and under sides of foliage purplish red. The numerous spikes of reddish purple, pea-like flowers are succeeded by showy seed-pods. 8 to 10 ft. Pkt. 5 cts., oz. 25 cts.

Daylight. Flowers freely from the ground up; pure white flowers and ornamental white pods; vine, 8 to 10 ft. Pkt. 5 cts., oz. 25 cts.

Iridescent. Spikes of pinkish lavender flowers; seed-pods light green, shaded rose, 5 to 6 inches long; 10 to 15 ft. Pkt. 5 cts., oz. 25c.

Lablab, Mixed. Has long spikes of flowers and large leaves. Pkt. 5 cts., oz. 15 cts.

DRACÆNA (Cordyline) TP

Graceful foliage plants; fine subjects for vases, center of beds, etc.

Australis. Large, dark leaves. Pkt. 10 cts.

Indivisa. A popular plant for vases. Pkt. 10 cts., ¼oz. 20 cts.

Indivisa Parei. New. Long, broad leaves, bright green, with red midrib. Pkt. 25 cts.

Indivisa Parei excelsa. Interesting and beautiful. Pkt. 25 cts.

Indivisa Veitchi. Handsome purplish red foliage, varies somewhat. Pkt. 15 cts.

EDELWEISS. HP. Interesting alpine plant, with beautiful, star-shaped flowers and handsome foliage. Pkt. 10 cts.

ERIGERON (Fleabane). **HP.** Charming, summer-blooming plants, with daisy-like flowers; readily grown from seed. Mixed varieties. Pkt. 10 cts.

ESCHSCHOLTZIA

California State Flower; California Poppy HB

Very brilliant flowers, produced in great numbers. They may be sown in spring, although fall sowing will give better results; 1 ft.

Golden West. Very large, lovely yellow flowers, with orange blotch at the base of petals. Pkt. 5 cts., oz. 35 cts.

Burbank's Crimson. Beautiful, clear rosy crimson flowers, produced profusely. Pkt. 5 cts., oz. 50 cts.

Burbank's Mixed. Large flowers. Beautiful shades of white, yellow, orange, carmine, crimson and pink. Pkt. 10 cts.

Californica Erecta, "Fire-Red." Upright stems, and single fire-red flowers. Pkt. 10 cts.

Rose-Cardinal. Dark rose exterior, inside blush. Pkt. 5 cts., oz. 50 cts.

Single-flowered, Mixed. Extra fine. Pkt. 5 cts., oz. 25 cts.

Double-flowered, Mixed. Very good semi-double flowers. Nice for bedding or for massing. Pkt. 5 cts., ¼oz. 15 cts.

EUPHORBIA

Variegata (Snow-on-the Mountain). Robust grower; foliage margined and veined white; 2 ft. Pkt. 5 cts., oz. 30 cts.

Heterophylla (Mexican Fire Plant). Resembles in color and habit the poinsettia. Flowers striking, brilliant orange-scarlet. 2 ft. Pkt. 10 cts., ¼oz. 25 cts.

EVERLASTINGS HHA

For convenience, we have grouped here plants prized for their "everlasting" or straw flowers. They are also valuable as border plants.

Acroclinium album fl. pl. Graceful; double, rose flowers; 1 ft. Pkt. 5 cts.

Ammobium alatum grandiflorum. Clusters of pure white flowers. 2 ft. Pkt. 5 cts.

Gomphrena globosa, Mixed. Flesh, rose, purple and white. Known as Globe Amaranth. Very neat for pots. 1½ ft. Pkt. 5c.

Helichrysum monstrosum, Pink Beauty. Double; salmon-pink; nice for cutting. 1½ ft. Pkt. 10 cts.

Fireball. Large, double, crimson flowers; 1¼ ft. Pkt. 10 cts.

Large-flowering. Double. Splendid Mixed. About six colors; 1¼ ft. Pkt. 5 cts.

Rhodanthe Manglesi. Bright rose; charming and particularly neat in pots in the spring; 1 ft. Pkt. 5 cts.

Xeranthemum annuum. Very nice for summer cutting or for winter bouquets. Double; white, rose and purple. Mixed. Pkt. 5 cts.

Hardy Garden Pinks (see page 35)

FERN SPORES. TP. Fine Mixed Greenhouse Varieties. Pkt. 25c.

FUCHSIA. TP. Easily grown from the seed and blooms the first season. Suitable for the house or shaded situations in the garden. Single and double. Mixed. Pkt. 25 cts.

GAILLARDIA

These are annuals and perennials that will all bloom freely from spring-sown seed. Their coloring is gorgeous and they are indispensable for bedding and cutting. The faded flowers should be removed promptly, as they invariably seed and thus become a drain on the plant.

Gaillardia grandiflora

Amblyodon. Large, single, salmon-red flowers, deep crimson centers; very showy and nice for cutting; 2 ft. Pkt. 5 cts., ¼oz. 15 cts.

Picta (Drummondi). Single-flowered. Fine mixture of colors; 1 ft. Pkt. 5 cts., ¼oz. 15 cts.

Lorenziana, Double, Finest Mixed. Beautiful colors, flowering from midsummer to frost; fine for bedding or cutting; 1½ ft. Pkt. 5 cts., ¼oz. 15 cts.

Lorenziana, "The Bride." Flowers white, very double and borne on long stems; fine for cutting. Pkt. 15 cts.

Grandiflora compacta. HP. Fine, compact plants, blooming freely; flowers scarlet, margined yellow; 9 in. Pkt. 10 cts., ¼oz. 25 cts.

Grandiflora oculata. HP. New light shades with red centers; very fine hybrids. Pkt. 10 cts., ¼oz. 25 cts.

Grandiflora semi-plena. HP. New light shades; superb varieties; very large flowers, varying from light to deep yellow, tinged wine-red; semi-double; 1½ ft. Pkt. 10 cts., ¼oz. 30 cts.

Kelway's Hybrids. HP. Entirely distinct; a grand new and improved strain; flowers of enormous size, borne on stout stems. Choicest Mixed. Pkt. 10 cts., ¼oz. 35 cts.

GAZANIA splendens, New Hybrids. HHP. Named Treasure Flower in allusion to the wealth of color displayed. They are very useful for bedding or form elegant pot-plants for greenhouse. The many-petaled, daisy-like flowers are creamy white and chrome-yellow, chamois and dark orange, lilac and primrose, etc. Verbena-like habit of growth. Treat same as portulaca; 9 in. Pkt. 25 cts.

GAURA Lindheimeri. HP. Very useful plants; from March sowing will flower from July till fall; long, graceful sprays of white flowers good for cutting; 2 ft. Pkt. 5 cts., ¼oz. 25 cts.

GERANIUM HHP

Are readily sown from seed, and will flower early in spring from seedlings.

Large-flowered Show, or **Lady Washington.** Dwarf varieties. A fine new strain; 1 ft. Pkt. 50 cts.

Zonale, or **Bedding, Single.** Finest varieties mixed; 1½ ft. Pkt. 10 cts.

Zonale, or **Bedding, Double.** Large percentage of double flowers; finest strains; 1½ ft. Pkt. 50 cts.

Apple-scented. Very refreshing odor; a nice pot-plant; 9 in. Pkt. 25 cts.

GENTIANA acaulis. HP. Dwarfish plants, with intense blue, bell-shaped flowers; 4 in. Pkt. 10 cts., ¼oz. 50 cts.

GERARDIA hybrida. HP. Produces fine spikes of flowers, varying from light pink to dark purple; 2 ft. Mixed. Pkt. 10 cts.

GERBERA Jamesoni hybrida (Transvaal Daisy). **HHP.** Richness of color and form distinguishes the new hybrids of *Gerbera Jamesoni.* They range in nearly all shades, from white to yellow, and from yellow to orange, and from rose to blood-red, and each sowing brings forth new surprises. The flowers are also much larger than those of the type. Pkt. 25 cts.

GEUM HP

Atrosanguineum. Large; double scarlet; valuable for cutting; fine border plant; 2 ft. Pkt. 10 cts.

Mrs. Bradshaw. Flowers very large, double and of the brightest scarlet; blooms all summer; 1½ ft. Pkt. 25 cts.

GILIA (Phloxwort). Free-blooming annual that thrives almost anywhere; good bedding plant. Mixed varieties. Pkt. 5c., ¼oz. 25c.

GLADIOLI hybrida præcox. New class. Most of the seedlings bloom in four to five months. Flowers of immense size, 4 to 5 inches in diameter, and produced in all shades and colors known in the Gladiolus. Pkt. 25 cts.

GLAUCIUM flavum tricolor (Horned Poppy). **HP.** Orange-scarlet, with black and yellow markings; 2 ft. Pkt. 10 cts.

GREVILLEA robusta (Silk Oak). **TP.** A very handsome pot-plant, useful also for outdoor effect. Nice plants can be grown in a few months. Insert seed edgewise to insure germination. Pkt. 10 cts., ¼oz. 35 cts.

GLOXINIA hybrida grandiflora crassifolia erecta. TP. Will bloom in six months from sowing. Bears large, tubular flowers of many brilliant colors and of velvety texture; the foliage is soft and flexible, brownish red in color, with white veins. Flowers are borne on erect stem well above the leaves. Superb mixture of colors, pkt. 50 cts.

GODETIA HHA

Very neat and free-flowering annuals that will be satisfactory for edging and for solid beds; for a blaze of color they will vie with the nasturtiums. Should not be planted in too rich soil. In bloom from June to October; plant about 1 foot apart.

Crimson Glow. A splendid, free-flowering, compact variety; blood-crimson; 9 in. Pkt. 10 cts., ¼oz. 25 cts.

Duchess of Albany. Compact, large, satiny white flowers in pyramidal clusters; 9 in. Pkt. 5 cts., ¼oz. 15 cts.

Grandiflora lilacina fl. pl. Numerous flowers, of lilac-rose, about 2 inches in diameter. Pkt. 10 cts.

Rosamond. Vivid rose, white center; 9 in. Pkt. 10c., ¼oz 25c.

GOURDS. These are mainly tender and half-hardy annuals that are useful for covering verandas, arbors, etc. They are rapid-growing and their fruits very ornamental. **Apple, Bottle, Crookneck, Dipper, Dishrag** or **Sponge, Hercules' Club, Knob-Kerrie, Lemon, Nest Egg, Orange, Pipe Calabash, Pear, Powder Horn, Serpent, Sugar Trough, Turban, Vine-Peach.** Each, pkt. 5 cts., oz. 25 cts. Collection of 17 varieties, one pkt. each, 65 cts.

Mixed Gourds. Pkt. 5 cts., oz. 20 cts.

ORNAMENTAL GRASSES

Specimen plants, clumps or entire beds of harmonious varieties are especially interesting. They are always valuable for cutting, and may be preserved and used in combination with "Everlasting" flowers for winter bouquets, decorations, etc.

Annual Ornamental Grasses

Agrostis nebulosa. Elegant, feathery; 1¼ ft. Pkt. 5 cts.
Briza maxima. The larger Quaking Grass; 1½ ft. Pkt. 5 cts.
Bromus brizæformis. Very decorative; 2 ft. Pkt. 5 cts.
Coix Lacryma-Jobi (Job's Tears). The curious seeds are used as beads; 1½ ft. Pkt. 5 cts., oz. 15 cts.
Eragrostis elegans (Love Grass). Very beautiful; nice for sweet-pea bunching; 1½ ft. Pkt. 5 cts.

Ornamental Grasses

Lemoine's Giant Heliotrope

ANNUAL ORNAMENTAL GRASSES, continued

Lagurus ovatus (Hare's Tail Grass). Small white spikes; 1½ ft. Pkt. 5 cts.

Panicum tonsum. One of the nicest grasses for cutting. Pkt. 5c.

Pennisetum longistylum. Graceful greenish white plumes. Pkt. 5 cts.

Pennisetum Rupelianum (Purple Fountain Grass). Handsome purple spikes. 2½ ft. Pkt. 5 cts.

SPECIAL OFFER: One pkt. each of 9 annual varieties, 35c.

Perennial Ornamental Grasses

Andropogon argenteus. A fine border plant with silvery plumes; 5 ft. Pkt. 10 cts.

Arundo Donax variegata (The Variegated Giant Reed). Fine for groups; 12 ft. Pkt. 10 cts.

Erianthus Ravennæ. Fine silvery plumes; violet-shaded foliage; 9 ft. Pkt. 10 cts.

Eulalia zebrina. Leaves barred yellowish white; 4 ft. Pkt. 10 cts.

Gynerium argenteum (Pampas Grass). Graceful for borders; beautiful silvery plumes; 8 to 10 ft. Pkt. 10 cts.

Stipa pennata (Feather Grass). Silvery white, feathery plumes; 2 ft. Pkt. 5 cts.

GYPSOPHILA (Baby's Breath)

Annual and perennials that will flower the first season. All have graceful panicles of small flowers that are elegant for cut-flower purposes.

Elegans grandiflora alba. HA. An improved large-flowered white form. Pkt. 5 cts., ¼oz. 15 cts.

Paniculata. HP. The perennial variety that is easily grown from seed, equally useful for cutting, and a fine border plant; branches may be used for winter bouquets; 3 ft. Pkt. 5 cts., ¼oz. 15 cts.

Paniculata fl. pl. HP. An extremely vigorous race, producing about 50 per cent of perfectly double flowers, of beautiful pure white. Pkt. 15 cts.

HELENIUM autumnale superbum. HP. Produces broad heads of golden yellow flowers late in the season; 5 ft. Pkt. 25 cts.

HELIOPSIS Pitcheriana. HP. Deep golden yellow flowers, produced throughout the summer; 3 ft. Pkt. 10 cts., ¼oz. 25 cts.

Lawn Grass Seed. If you desire a perfect lawn, use our Evergreen Lawn Seed. FOR SHADY PLACES, sow our Shady Nook Lawn Seed. Both kinds, if sown early in the spring, will produce a good lawn by midsummer.

HELIANTHUS (Sunflower)

The larger forms of these are very useful for subtropical effects, while the dwarfer, small-flowered varieties are at home in the border. The miniature varieties are very nice for cutting.

Annuals

Chrysanthemum-flowered. Very double, golden yellow flowers, resembling chrysanthemums. Height 7 ft. Pkt. 10 cts., oz. 40 cts.

Double Orange (*H. globosus fistulosus*). Extra-large, very double flowers; 5 ft. Pkt. 5 cts., oz. 25 cts.

Globe of Gold. Dwarf; double orange flowers; 4 ft. Pkt. 5 cts., oz. 25 cts.

Multiflorus (1,000-flowered). Branches covered with golden yellow, double flowers; 8 ft. Pkt. 5 cts., oz. 40 cts.

Mammoth Russian. Immense single flowers. Oz. 5 cts.

Cucumerifolius (Miniature). Very nice plants; bushy in habit and producing many flowers during a long period; very fine for cutting; long stems; 3 ft. Pkt. 5 cts., ¼oz. 25 cts.

Cucumerifolius, Diadem. Sulphur-yellow, black disc; 3 ft. Pkt. 5 cts., ¼oz. 25 cts.

Cucumerifolius, Orion. Deep yellow; long, twisted petals; 4 ft. Pkt. 5 cts., ¼oz. 25 cts.

Cucumerifolius purpureus. A real Helianthus, whose flowers show the red colors so much desired. Pkt. 15 cts.

Cucumerifolius, Stella. An improvement on the type. Large, deep yellow flowers with dark discs; 2 ft. Pkt. 5 cts., ¼oz. 15 cts.

Cucumerifolius, Double. Star-shaped, twisted petals; cactus-dahlia-like. Pkt. 10 cts., ¼oz. 25 cts.

PERENNIALS, Mixed. Many varieties. Beautiful plants for borders, etc.; 3½ to 6 ft. Pkt. 15 cts., ¼oz. 50 cts.

HELIOTROPE TP

Lemoine's Giant Hybrids. Flowers vanilla-scented; very free-blooming; the colors range from white through violet and blue; 1½ ft. Pkt. 10 cts., ½oz. 50 cts.

Midnight. Very dark foliage, stems black; flowers a lovely purple, variegated with white and light purple. Pkt. 10 cts., ⅛oz. 50 cts.

HIBISCUS HHP

Crimson-Eye. Large, pure white flowers, with velvet-crimson center; 4 ft. Pkt. 10 cts., ¼oz. 25 cts.

Golden Bowl. Large, cup-shaped, cream-yellow flowers with rich maroon center. An early and continuous bloomer. Pkt. 10 cts., ¼oz. 25 cts.

Manihot Sunset. Will flower the first season from early-sown seed. Large, soft yellow flowers, crimson-maroon eye; 4 ft. Pkt. 10c., ¼oz. 25c.

Palustris rosea. Large pink flowers. Pkt. 5 cts., ¼oz. 25c.

HOLLYHOCKS

Althæa

These are old-time favorites; beautiful for a background, lawn groups, or for screens. Older forms will frequently flower from fall-sown seed, but require a good season to do so.

Annuals

A. semperflorens

These are everblooming, lasting from June to frost. This continuous flowering is attained only in the second season. They are really early-flowering perennials.

Double. In fine varieties; 4 to 10 ft. Pkt. 10 cts., ¼oz. 50 cts.

Double Hollyhocks

Hardy Perennial Hollyhocks

Allegheny Mammoth Fringed. Very large, loosely formed flowers, finely fringed. Early-sown seed will flower the first season. 7 ft. Pink, Shell-Pink, Red, Salmon, Maroon, Mixed. Each, pkt. 10 cts., ¼oz. 30 cts., oz. $1.

Newport Pink. Fine, pure pink, double variety, exquisite in shade; flowers very double. Pkt. 15 cts., ¼oz. 60 cts., oz. $2.

Chater's Superb Strain. The finest in existence; magnificent double flowers. Splendid Mixed. Pkt. 10 cts., ¼oz. 50 cts., oz. $1.75

Finest Double. A percentage flower the first season from seed sown the previous fall; 5 to 8 ft. Crimson, Maroon, Pink, Scarlet, White, Yellow and Mixed. Each, pkt. 10 cts., ¼oz. 30 cts., oz. $1.

Single Mixed. Pkt. 10 cts., ¼oz. 30 cts., oz. $1.

HUMULUS HHA

Rapid-growing, ornamental climbers.

Japonicus. Growing to 30 feet in a season. Pkt. 5 cts., ¼oz. 20c.

Japonicus variegatus. Cream-white variegation on a deep green ground. Matures in one season. Pkt. 5 cts., ¼oz. 25 cts.

HUNNEMANNIA fumariæfolia (Giant Yellow Tulip Poppy). **HA.** Produces in profusion large, yellow, poppy-like blossoms. In bloom from midsummer until frost. Pkt. 10 cts., ¼oz. 25 cts.

IMPATIENS TP

Holstii Hybrids. Beautiful varieties, being particularly desirable for bedding, borders or pots. They form very compact plants about 1 foot high and 1 foot in diameter, with beautiful, glossy green foliage and thickly dotted over with flowers, constantly in flower until frost. Vermilion, white, red-eyed, rose, carmine, lilac, dark scarlet, dark violet, in fine mixture. Pkt. 25 cts.

Sultani, Mixed Hybrids. Pale rose to red and violet. May be lifted in fall and will flower nicely during the winter and spring. Pkt. 25 cts.

IPOMŒA

Moonflowers and Morning-Glories

All are members of a large genus of plants mainly of climbing habit. They are of rapid growth and produce a wonderful show of foliage and flower; are much used as a covering for walls, trellises, etc. All easily grown from seed. The seeds of Moonflowers should be soaked in water twenty-four hours before sowing.

Moonflower (*Ipomœa grandiflora*) TA

Mexicana grandiflora alba. Very large, pure white flowers, opening in the evening and on dark, cloudy days. Very rapid grower. Will reach out 30 to 40 feet. Soak seeds, or preferably cut a notch through the hard shell; will germinate in 12 to 15 days. White- and Black-seeded, each, pkt. 10 cts., oz. 60 cts.

Grandiflora, Hesperis. A grand new variety, with pure white flowers of enormous size. Pkt. 15 cts.

Grandiflora rosea. Very large, soft lilac-pink flowers. Pkt. 10 cts., ¼oz. 30 cts.

Heavenly Blue. Beautiful sky-blue flowers, 4 to 5 inches across, with rose-colored markings; produced very early and in abundance. Pkt. 10 cts., ¼oz. 25 cts.

Hederacea grandiflora superba. Large, sky-blue flowers, with white margins. Pkt. 10 cts., ¼oz. 25 cts.

Morning-Glories (*Convolvulus major*) HHA

The Morning-Glory is always satisfactory as a vine for almost any purpose and thrives in any soil. Mixed. Pkt. 5 cts., oz. 15 cts.

Brazilian Morning-Glory (*I. setosa*). **TP.** Of luxuriant growth, leaves often measuring 10 to 12 inches across; flower salmon-rose; 4 to 5 inches in diameter; ornamental seed-pods. Pkt. 10 cts., oz. 40c.

JAPANESE MORNING-GLORY. Wonderful in the colorings and markings of the flowers as well as for the variety of form and variegation of foliage. The colors run from white through all shades of blue and purple, rose to dark red, etc. Flowers are also striped, marbled, blotched, margined. The foliage of many is beautifully variegated. Soak seeds in warm water before sowing. Early pot-sown seeds are recommended for best results. **Superb Mixed.** Pkt. 10 cts., oz. 25 cts.

KOCHIA tricophylla (Burning Bush; Summer Cypress). **HHA.** A very handsome, symmetrical plant, forming beautiful globose specimens without pruning or pinching; leaves assume crimson tint in the fall; 3 ft. Pkt. 10 cts.

KUDZU VINE (Pueraria). **HP.** Climbing vine; very rapid grower; large leaves; wistaria-like, fragrant flowers. Pkt. 10 cts., ¼oz. 30c.

LANTANA HHP

Verbena-like clusters of flowers, some changing color as the bloom ages. They are handsome bedding plants and beautiful for pots. The habit of the new hybrids is a great improvement, these being fine, dwarf and compact plants. Seed may be sown as late as March.

Hybrida Mixed. Orange-and-red varieties. Pkt. 10 cts., ¼oz. 25c.

Hybrida compacta. New dwarf varieties. Fine Mixed. Pkt. 10 cts., ¼oz. 25 cts.

Imperial Japanese Morning-Glories

LATHYRUS HP

The hardy, everlasting Sweet Pea, with flowers much like the annual sort, but without fragrance. Produces showy, climbing vines suitable for screens, trellises, etc., and flowers all summer.

White Pearl. Giant-flowering, purest white. Pkt. 15 cts.

Pink Beauty. Bright rosy-pink. Pkt. 10 cts.

Splendens. Rose-carmine. Pkt. 10 cts.

Latifolius Mixed. Pkt. 10 cts., oz. 40 cts.

LAVATERA rosea splendens (Mallows). Showy and effective, brilliant rosy pink flowers; blooms all summer; 3 ft. Pkt. 10 cts., ¼oz. 30 cts.

LINARIA

Cymbalaria maxima (Kenilworth Ivy). **HP.** Glossy, ivy-like foliage. New, large-flowered varieties. Color white to rose. Very neat trailing plant for boxes, baskets, etc. Pkt. 10 cts.

Maroccana, Excelsior. HA. Varied and beautiful colors ranging from white to yellow, pink and blue; very effective. Pkt. 15 cts.

Tall Double Stock-flowered Larkspur

LARKSPUR (Delphinium) HA

These form very showy bedding plants that bloom freely during the summer months. Their flowers are very bright, mainly shades of blue, purple, rose, violet and white. They are durable and elegant for cutting. The seedlings should be thinned out early, to secure the fine branching habit now common to most of the strains offered.

Annual Larkspurs

Dwarf Double Rocket. These are among the first to flower. Very choice strain; tints of Blue, Lilac, Violet, Rose, White and Mixed. Fine for bedding; 1 ft. Each, pkt. 5 cts., oz. 25 cts.

Tall Double Rocket. Fine mixed, many shades; 2 ft. Pkt. 5 cts., oz. 25 cts.

Giant Hyacinth-flowered. Fine mixed, about eight colors; fine double flowers. These flower shortly after the Double Rocket and Stock-flowered varieties. Pkt. 5 cts., oz. 40 cts.

Tall Double Stock-flowered. Tall, branching. These are early varieties, fine for borders or among shrubs and useful for cutting. Beautiful shades; 2½ ft. Mixed, pkt. 5 cts., oz. 50 cts.

Dark Blue	**Flesh-color**	**Lilac**	**White**
Dark Rose	**Light Blue**	**Red**	

Each, pkt. 10 cts., oz. 60 cts.; mixed, pkt. 10 cts., oz. 50 cts.

LEPTOSIPHON Hybrids, French. HHA. Brilliant shades from scarlet to yellow and white. Exquisite for edging, rockwork, etc.; 6 in. Pkt. 10 cts.

LINUM (Flax)

Grandiflorum rubrum and **roseum. HHA.** Free-flowering and showy, with red and rose-colored flowers. Successive sowings will produce a wonderful show throughout the season. 1 ft. Pkt. 5 cts., oz. 25 cts.

Narbonnense. HP. Grows in clumps, and blooms from May to July; flowers beautiful azure-blue. Pkt. 25 cts.

LOBELIA

Annuals and perennials that are extensively used for bedding, being invaluable for blue edging. Also elegant for baskets, pots, etc. Require a good soil for best effect.

Speciosus, White Lady. Trailing; large, white flowers; of elegant habit; suitable for beds, borders and vases. Pkt. 5 cts.

Gracilis. Light blue flowers, bright green foliage; trailing. Pkt. 5 cts., ⅛oz. 50 cts.

Compacta, White Lady. Large-flowered; fine white. 6 in. Pkt. 10 cts.

Compacta, Crystal Palace. Foliage dark; flowers rich, deep blue; the best bedder. Pkt. 10 cts., ⅛oz. 50 cts.

Compacta, Emperor William. Deep blue; dwarf and nice. Pkt. 10 cts., ⅛oz. 60 cts.

Cardinalis robusta grandiflora. HP. Thick, large spikes of handsome, brilliant scarlet flowers; 1½ ft. Pkt. 15 cts.

Sapphire. Beautiful deep blue, with pure white eye. Pkt. 15 cts.

LUPINUS (Lupine; Sun-Dial)

Old-fashioned favorites that thrive in almost any soil or situation. Some species are extensively used for forage and improvement of poor soils. The taller varieties are useful for the border and dwarfer sorts for bedding.

Arboreus (Tree Lupine). **HP.** Handsome yellow flowers. These are strong, bushy varieties that will supply cut-flowers for a long time. Pkt. 10 cts., ¼oz. 30 cts.

Polyphyllus Moerheimi. HP. Fine hardy Lupine plants about 3 feet high, of vigorous growth, bearing long spikes of beautiful flowers. In color, a combination of light and dark pink. Pkt. 15 cts., oz. $1.

Polyphyllus roseus. HP. Flowers in showy rose-colored spikes. Pkt. 10 cts., ¼oz. 25 cts.

Perennial Varieties. Choice mixed. Pkt. 5 cts., oz. 30 cts.

Hartwegii. HA. This class is a great improvement on the old form. Very showy and nice for cutting. Blue, rose, white and red, mixed. 2 ft. Pkt. 5 cts., oz. 30 cts.

Hybridus atrococcineus. HA. Lovely crimson, rose and white flowers. 2¼ ft. Pkt. 5 cts., oz. 30 cts.

New Hybrids. HA. Many colors, all beautiful; 5 ft. Pkt. 5 cts., oz. 30 cts.

LYNCHIS, Haageana Hybrids. HP. Beautiful shades in mixture. Flowers are in form like a Maltese cross. They are suitable for borders and rockwork; 1 ft. Pkt. 10 cts., ⅛oz. 25 cts.

LYTHRUM roseum superbum. HP. Erect spikes of bright rose-colored flowers; 4 ft. Pkt. 5 cts., ¼oz. 25 cts.

MARVEL OF PERU, or Four o'Clock (*Mirabilis Jalapa*). **HHA.** Sweet-scented, many-colored flowers. Open in the afternoon and fade next morning; very free-flowering. Nice for beds and borders. Fine varieties mixed; 2½ ft. Pkt. 5 cts., oz. 15 cts.

MATRICARIA

Capensis fl. pl. (Double Feverfew). A very free-flowering border plant bearing a mass of cream-colored flowers; neat, attractive foliage; 2 ft. Pkt. 10 cts.

Snowball. A white-flowered form of the preceding, but even more dwarf. Pkt. 15 cts.

MAURANDIA atrocærulea grandiflora. TA. Handsome, large, dark blue flowers; fine for vases, stumps and porch trellis. Pkt. 10 cts.

MARIGOLD

Old-fashioned annuals, always satisfactory, giving a fine display from midsummer to frost from outdoor-sown seed; for earlier bloom seed should be started in frames.

American (*Tagetes erecta*) HHA

Eldorado. Bright orange flowers, shaded primrose, 3 to 4 inches across; 2 ft. Pkt. 5 cts., ¼oz. 25 cts.

Lemon Queen. Very large, globular, double canary-yellow flowers. Erect, branching habit; 2 ft. Pkt. 5 cts., ¼oz. 25 cts.

Pride of the Garden. Dwarf and bushy; splendid, brilliant, double, large-sized flowers of various shades of yellow; 1¼ ft. Pkt. 5 cts., ⅛oz. 25 cts.

Tall Double Mixed. Pkt. 5 cts., ¼oz. 15 cts.

Dwarf Double Mixed. Pkt. 5 cts., ¼oz. 15 cts.

French Marigolds (*Tagetes patula*) HHA

These are very bright and effective in ribbon lines or for edging beds of tall plants.

Legion of Honor. Single; bright yellow with dark crimson spots or blotches; a good bedder; 9 in. Pkt. 5 cts., ¼oz. 20 cts.

Dwarf Double Mixed. Pkt. 5 cts., ¼oz. 15 cts.

Tall Double Mixed. Pkt. 5 cts., ¼oz. 15 cts.

MATTHIOLA bicornis. The flowers emit a delightful odor before sunrise and after sunset, also during dull, cloudy days; 1 ft. Pkt. 5 cts., ¼oz. 15 cts.

MECONOPSIS integrifolia. HP. A striking, large, yellow-flowered Poppy from Thibet, producing from 6 to 10 large, pure yellow flowers, 6 inches in diameter. Protect in winter. Pkt. 50c.

MESEMBRYANTHEMUM TA

Interesting dwarf ornamental foliage plants of great beauty; love a sunny situation, and bloom all summer.

Crystallinum (Ice Plant). Flowers white; foliage covered with ice-like globules. Pkt. 5 cts., ¼oz. 15 cts.

Tricolor (Wax Plant). Flowers crimson, pink and white. Pkt. 5 cts., ¼oz. 15 cts.

MIMULUS HP

Moschatus (Musk Plant). A very nice plant for pots or hanging-baskets; fragrant. Pkt. 10 cts.

Tigrinus grandiflorus. Very beautiful, large-flowered Monkey Flower, tigered and spotted; very showy; 9 in. Pkt. 10 cts.

MIMOSA pudica. TA. The interesting Sensitive Plant, the leaves of which fold as soon as touched. A neat ornamental plant for the house; 1 to 2 ft. Pkt. 5 cts., ¼oz. 20 cts.

MOMORDICA TP

Ornamental vine for trellis, etc.; the flowers are followed by golden yellow, warty fruits; 10 ft.

Balsamina (Balsam Apple). Apple-shaped. Pkt. 5c., oz. 30 cts.

Charantia (Balsam Pear). Pear-shaped. Pkt. 5 cts., oz. 30 cts.

Marigolds, Eldorado

MIGNONETTE (*Reseda odorata*) HA

A general favorite; indispensable for its delightful fragrance. Seed may be scattered in the borders or any sunny situation that is available. All varieties offered were selected for their superior qualities

Bismarck. A vigorous grower, forming dense bushes, producing stout, broad flower-heads; very sweet; 1 ft. Pkt. 10 cts., ¼oz. 25c.

Defiance. Spikes of great length with large flowers; fine cut-flower variety; 1 to 1¼ ft. Pkt. 10 cts., ¼oz. 20 cts.

Goliath. Giant trusses of red flowers, borne on long, heavy spikes. One of the best for growing indoors; 1 ft Pkt. 10 cts., ¼oz. 25 cts.

Machet. Fine for pots. Dwarf and free-blooming; flower-spikes bright reddish maroon. Pkt. 10 cts., ¼oz. 25 cts.

Sweet-scented (Odorata) The old Mignonette; very sweet-scented. Pkt. 5 cts., oz. 15 cts., 2 ozs. 25 cts., 4 ozs. 40 cts.

MINA lobata. Beautiful climber with flowers borne in twin sprays. The buds are bright red and orange-yellow at opening, and pale yellow when in full flower; very showy. Pkt. 10 cts.

Mignonette, Machet

MUSA ensete (Abyssinian Banana). **TP.** A large, fine foliage-plant. Seeds sown in the heat will produce fine plants the first season; a showy pot-plant where subtropical effect is desired. Pkt., 10 seeds, 25 cts.; 25 seeds 50 cts.

MYOSOTIS (Forget-me-not) HP

Some are lovely plants for moist and shady situations. *M. palustris semperflorens* is especially valuable for such use, flowering throughout the summer. *M. sylvatica* is desirable for this purpose. The Myosotis may all be lifted in fall and potted for winter and spring flowering. We offer the choicest varieties, which, with the exception of *M. palustris semperflorens*, will give very nice results in the garden.

Alpestris robusta grandiflora, Triumph. This is an extra-early variety that will flower eight to ten weeks after sowing; robust growth with sky-blue flowers; 9 in. to 1 ft. Pkt. 10 cts., ⅛oz. 35 cts.

Alpestris, Victoria. Dwarf and bushy. Also very early, flowering eight to ten weeks after sown; large, bright blue flowers. Pkt. 10 cts., ⅛oz. 35 cts.

Alpestris, Mixed. Pkt. 5 cts., ¼oz. 25 cts.

Dissitiflora, Perfection. New. Extra-large flowers twice the size of the type; light blue; very fine. Pkt. 25 cts., ⅛oz. 50 cts.

Ruth Fischer. A decided improvement. Elegantly formed flowers, the individual florets 2 to 5 inches across; compact habit. The finest pot Myosotis to date. Pkt. 25 cts.

Palustris. The true "Forget-me-not." Bright blue flowers; 6 inches. Pkt. 10 cts., ⅛oz. 50 cts.

NIGELLA HA

Elegant flowers partially inclosed in fine-leaved bracts. Seed-pods of some are curiously horned; the black seeds are aromatic.

Damascena fl. pl., Miss Jekyll. Neat fennel-like foliage; beautiful sky-blue flowers; fine for cutting. 1½ ft. Pkt. 10c., ¼oz. 25c.

Hispanica (Love-in-a-Mist). Very nice old-fashioned annual. Pale blue flowers; curious seed-pods; foliage nicely cut. Pkt. 5 cts., ¼oz. 15 cts.

Mixed. Pkt. 5 cts., ¼oz. 15 cts.

Lawn Grass Seed. If you desire a perfect lawn, use our Evergreen Lawn Seed. FOR SHADY PLACES, sow our Shady-Nook Lawn Seed. Both kinds, if sown early in the spring, will produce a good lawn by midsummer. See inside of back cover for seed, and for directions how to make a lawn.

Tall Nasturtiums

NASTURTIUMS

Tall (*Tropæolum majus*) HHA

These popular flowering plants thrive in a poor, dry soil, making a quick growth, and are very useful for screening or quickly covering waste spots, etc. The colors are well nigh indescribable. Some of the newer varieties present most gorgeous colors. The variegated section will also be found elegant, in some the foliage having gold, in others silver, variegation, being very ornamental, even before the beautiful contrast with flowers is presented. The flowers are highly prized for cutting, possessing a distinct penetrating aromatic odor that is very agreeable and refreshing. Grows 6 to 8 or 10 ft.

Any of the following varieties, pkt. 5 cts., oz. 15 cts., 2 ozs. 25 cts., 4 ozs. 40 cts., lb. $1.40

Butterfly. Lemon-yellow, upper petals marked dark red, lower petals marked terra-cotta red.

Chameleon. Various richly colored flowers on the same plant.

Coccinea. Bright scarlet.

California Giants, Mixed. All colors.

Flammeum. Salmon-scarlet, marbled with velvety brown.

Foliis aureis, Mixed. Golden foliage; flowers of many colors.

Fashion. Large; light crimson-rose, with a deep veining of old-rose.

Hemisphericum. Straw-color, blotched rose.

Jupiter (Sunlight). Large, golden yellow flowers, on long stems.

Moonlight. Very light cream flowers, of largest size.

Midnight. Foliage very dark green, flowers deep brownish red.

Prince Henry. Lemon-yellow, carmine-spotted.

Rose. A lovely shade of rose.

Salmon Queen. Rich shade of salmon; foliage dark green.

Twilight. Large, beautiful flowers, salmon-rose, suffused scarlet.

Velvet Gem. Crimson flowers; rich, velvety foliage.

IVY-LEAVED, MIXED. Leaves delicate English-ivy form with flowers of the most delicate fringed formation. Pkt. 5 cts., oz. 20 cts., 4 ozs. 60 cts., lb. $2.

VARIEGATED-LEAVED, MIXED. The foliage of these is beautifully marked with white, gold and green, producing, even without the flowers, a splendid effect. The flowers, however, are as beautiful as the preceding class. Pkt. 5 cts., oz. 20 cts., 4 ozs. 50 cts.

BECKERT'S SUPERB MIXTURE OF THE ABOVE CLASSES AND VARIETIES. Pkt. 5c., oz. 15c., 2 ozs. 25c., 4 ozs. 40c., lb. $1.40.

FINE MIXED. Oz. 10 cts., 4 ozs. 30 cts., lb. $1.

Lobbianum Nasturtiums HHA

Profuse bloomers; not so rank in growth as the preceding. Flowers and foliage slightly smaller. Flowers of brilliant colors.

Each, pkt. 5 cts., oz. 15 cts., 2 ozs. 25 cts., 4 ozs. 40 cts., lb. $1.40

Black Prince. Dark velvety crimson; dark blue foliage.

Battle Giant. Sulphur-yellow, with rosy marking.

Crystal Palace. Bright orange-scarlet marked with bronze.

Golden Garnet. Orange-yellow, garnet markings at base of petals.

King of Blacks. Flowers dark garnet-red.

Lucifer. Very dark scarlet; splendid.

Mad. Gunther Hybrids. Beautiful combination of colors.

Queen Wilhelmina. New. Variegated-leaved; rich rosy scarlet.

Queen Victoria. Deep salmon-scarlet with fine lines in throat.

Rudolph Virchow. Very large rose-colored flowers.

BECKERT'S SUPBERB MIXTURE OF LOBBIANUM VARIETIES. Pkt. 5 cts., oz. 15 cts., 2 ozs. 25 cts., 4 ozs. 40 cts., lb. $1.40.

FINE MIXED. Oz. 10 cts., 4 ozs. 30 cts., lb. $1.

Dwarf or Tom Thumb (Indian Cress)

Most excellent bedding plants, so popular that they need but a word in their behalf. They seem to thrive best in a poor, rather dry soil, which disposes to less and smaller foliage and more bloom. Rich ground will produce a very strong growth, tending to throw the flowering season quite late. Their value for cut-flowers is one of their chief merits, the spiciness of the odor being agreeable to all. The new variegated forms are the result of great care in selection.

Any of the following varieties, pkt. 5 cts., oz. 15 cts., 4 ozs. 40 cts., lb. $1.40

Aurora. Rosy apricot with beautiful crimson blotch.

Beauty. Flowers yellow and scarlet; bright.

Chameleon. Splashed crimson, bronze and yellow.

Crystal Palace Gem. Sulphur, spotted maroon.

Deep Scarlet. Bright, vivid scarlet.

Empress of India. Brilliant crimson; dark foliage.

General Jacqueminot. Crimson-scarlet; foliage dark green.

Golden King. Large flowers; deep golden yellow.

King of Tom Thumbs. Bright scarlet; dark foliage.

Prince Henry. Spotted leaves; bright crimson-scarlet flowers.

Rudolph Virchow. Soft rosy pink.

Rose. Soft carmine-rose.

Vesuvius. Very fine salmon-red.

IVY-LEAVED, MIXED. Comprises all colors found in Nasturtiums, with ivy-like foliage. Pkt. 5 cts., oz. 20 cts., 4 ozs. 50 cts.

VARIEGATED-LEAVED, MIXED. Foliage handsomely variegated. Flowers many bright colors. Pkt. 5 cts., oz. 20 cts., 4 ozs. 50c.

BECKERT'S SUPERB MIXTURE OF TOM THUMB NASTURTIUMS. Pkt. 5 cts., oz. 15c., 2 ozs. 25c., 4 ozs. 40c., lb. $1.40.

FINE MIXED. Oz. 10 cts., 4 ozs. 30 cts., lb. $1.

LILLIPUT. Charming new class recently introduced; leaves and flowers very small. Fine colors. Choicest mixed, pkt. 5c., oz. 25c.

Dwarf Nasturtiums

Nemesia

NEMESIA strumosa nana compacta grandiflora. HHA. This is a large-flowered, dwarf, bushy strain in charming mixture. Delightful little plants for edging; free-flowering and blooming for a long time; 6 in. Pkt. 25 cts.

NICOTIANA (Tobacco) HHA

The following varieties are beautiful flowering plants and handsome for borders:

Affinis. A lovely white flower that opens mornings and evenings and during cloudy weather; 2½ to 3 ft. Pkt. 5 cts., ¼oz. 20 cts.

Affinis Hybrids. Various pretty colors; white to rose, lilac, red, etc., forming a beautiful show and perfuming the surrounding air. Pkt. 5 cts., ¼oz. 25 cts.

Sanderæ. Very free-flowering variety, with numerous flower-stalks, producing hundreds of beautiful, long, tubular flowers; deep carmine-red, blooming from summer to fall, flowers remaining open during the day. Pkt. 10 cts., ¼oz. 25 cts.

Sanderæ Hybrids. Flowers large; colors are all fine. White, crimson, flesh, purple, rose-violet, blood-red, forming a beautiful mixture. Pkt. 10 cts., ¼oz. 25 cts.

Sylvestris. A large, pyramidal plant with handsome, glaucous leaves. The long, tubular, white flowers droop in racemes over the foliage, are very sweet and do not close during the day; 5 to 6 ft. Pkt. 10 cts., ¼oz. 25 cts.

Colossea. A very rapid-growing variety, attaining 5 to 6 feet in height; leaves at times 2 feet long and 1 foot wide. The young foliage is tinted red. A fine subtropical plant; rose-colored flowers. Pkt. 25c.

NEMOPHILA. Handsome annuals for beds, edging or rockwork. They are of trailing habit. May be sown in spring or fall. Mixed, pkt. 5 cts., oz. 30 cts.

NIEREMBERGIA frutescens (Cup Flower). **HHP.** Graceful, feathery foliage; colors white to blush, yellow center; 1 ft. Pkt. 10 cts., ¼oz. 30 cts.

ŒNOTHERA (Evening Primrose). **HA.** Low-growing, free-flowering plants of easiest culture. Their showy flowers in yellow, white, rose, etc., open on the approach of twilight. Pkt. 5 cts., ¼oz. 25c.

OXALIS tropæoloides (Wood Sorrel). **HP.** Brownish foliage; small, yellow flowers. Fine for its foliage effect in bedding and good for pots and baskets. 1 to 3 ft. Pkt. 10 cts.

PEA, EVERLASTING. Has large, pink-violet, pea-shaped flowers. Pkt. 10 cts.

PENTSTEMON HP

Many of these plants are hardy on dry soil. They are herbaceous and make fine plants for the border; clumps produce a splendid show.

Sensation (Gloxinioides). A giant gloxinia-flowered variety. Plants attain a height of 2 feet, every branch being a spike of large flowers 2 inches across. The colors and markings range from pink to scarlet and maroon, veined and blotched with other colors. Blooms from midsummer until frost. Pkt. 10 cts., ⅛oz. 50 cts.

Mixture of Many Varieties. Pkt. 5 cts., ¼oz. 25 cts.

PERILLA Nankinensis. HHA. Miniature-leaved foliage-plant; very distinct; for bedding. Pkt. 10 cts.

PLATYCODON grandiflora (Chinese Bellflower). **HP.** Large, broad, bell-shaped flowers; fine for the border. Deep blue and white mixed; 1¾ ft. Pkt. 5 cts., ¼oz. 25 cts.

PHASEOLUS HHA

Scarlet Runner Bean. An old favorite. Bright scarlet blossoms followed by edible beans. A handsome climber. Pkt. 5 cts., pt. 25c.

Papilio (Butterfly Runner Bean). A new variety with large flowers, white, salmon and rose-color. The pods are of excellent quality. Very showy. Pkt. 10 cts., oz. 25 cts.

PHYSOSTEGIA Virginica. HP. A fine summer-flowering border plant, with flowers delicate pink, borne on long stems; 3 ft. Pkt. 10 cts., ⅛oz. 40 cts.

PORTULACA (Purslane Family) HHA

These are succulent plants that delight in light, dry soil in a sunny situation, blooming profusely during the hottest weather and producing a gorgeous display. The seed should be sown where wanted and thinned out as required, the plants being of a spreading character; 6 in.

Single Finest Mixed. In numerous rich colors. Pkt. 5 cts., oz. 40 cts.

Double Mixed. Extra-fine quality. A large percentage double flowers. Pkt. 10 cts., ¼oz. 50 cts., oz. $1.75.

Nicotiana affinis Hybrid

Lawn Grass Seed. If you desire a perfect lawn, use our Evergreen Lawn Seed. For SHADY PLACES sow our Shady-Nook Lawn Seed. Both kinds, if sown early in the spring, will produce a good lawn by midsummer. See inside back cover for seed, and for directions how to make a lawn.

Pansies, Trimardeau Giant

PANSIES (Heartsease) HP

Pansies, while preferring a light, rich soil and a partially shady, cool and moist situation, producing, under such ideal conditions, large, magnificently colored flowers, will nevertheless thrive under less favorable surroundings. In fact, almost any soil and situation will give good returns. If planted in full sun exposure, mulch beds during the hot term and water freely; the delicate tints may be partially neutralized, and flowers will not attain full size, yet a very rich and continuous display may be had, which in fall will almost equal the early spring show. Faded flowers must be removed every few days to prevent seeding. Seed may be sown from July to September, and these plants, protected over winter, will flower early in spring and continue throughout the season. Spring-sown seed will flower from summer to fall. We offer a very complete collection of varieties and strains embracing "All That's Good in Pansies."

Finest Show Pansies

Beckert's Superb Mixture. Our own blending of Show and Giant varieties. Pkt. 25 cts., ⅛oz. 80 cts., oz. $6.

Aureola. Lower petals rose, carmine or purple-red ground-color with large, dark spots; upper petals of a lighter color, whitish to yellow, with rose to red border. Pkt. 25 cts., ⅛oz. 75 cts.

Bugnot's Large Blotched. Large, superb flowers, with broad blotches, the petals finely lined in great diversity of rarest colors. Pkt. 25 cts., ⅛oz. 75 cts.

Cassier's Superb Strain. Large, round flowers; colors rich and varied. Pkt. 25 cts., ⅛oz. 75 cts.

Cassier's Bridesmaid. Flowers very large and of fine form. Ground-color rosy white, strikingly setting off the dark blotches of the center. Pkt. 25 cts., ⅛oz. 75 cts.

Giant French Large Stained. Beautiful and very effective class, with extra-large brilliant flowers. Pkt. 25 cts., oz. 75 cts.

Madame Perret. Flowers very large, in great diversity of colors, mostly in rich red and wine shades. Pkt. 25 cts., ⅛oz. 75 cts.

Mammoth Five-blotched. Immense flowers of full, round form, comprising the most magnificent colors. Pkt. 25 cts., ⅛oz. 75 cts.

Masterpiece (Germania). Every petal is conspicuously undulated and curled, and the flowers are among the largest and most interesting of these always fascinating garden favorites. Among these Pansies are also found some lovely tints of color not met with in other strains. Very large. Pkt. 25 cts., ⅛oz. 75 cts.

Orchid-flowered (Sunlight). The upper petals stand erect and are laid out in small folds; finest shades and colors. A most unique and beautiful strain of Pansies, which will appeal strongly to all lovers of these ever-popular flowers; fine for cutting. Pkt. 25 cts., ⅛oz. 75 cts.

Princess. Strikingly erect habit; large-flowered, blotched and frilled type. A most interesting strain of beautiful flowers. Pkt. 15 cts.

Triumph of the Giants. Robust, compact, round, bushy plants with large foliage. The imposing five-spotted flowers on long, vigorous stalks surmount the foliage in a most graceful manner. Of enormous size, perfectly round form, and unusual substance. The borders of the petals are conspicuously undulated and curled, presenting a striking appearance entirely new to this class of plants. Pkt. 25 cts., ⅛oz. 90 cts.

Vulcan. New. Bright red, with five large black blotches; waved petals. Pkt. 25 cts., ⅛oz. 75 cts.

Giant Trimardeau Pansies

Beautiful class of vigorous and compact growth. Flowers of largest size. **All Trimardeau varieties, pkt. 10c., ¼oz. 75c. oz. $2.50.**

Adonis. Light blue.
Aurora. Crimson, white margin.
Cardinal. Large; bright red.
Crimson King. Splendid crimson.
Emperor William. Ultramarine-blue.
Freya. Silver edged.
Golden Queen. Pure yellow.
Golden Yellow. Dark eye.
Hortensia. Shades of rose.
Indigo King. Very fine.
Lord Beaconsfield. Lavender and purple.
Mercury. Deep black-purple-red.
Pretiosa. Curled; five-blotched.
Quadricolor. Blue, red and white.
Snow Queen (Snowflake). Satiny white.
Violet-Blue.
White. With violet eye.
TRIMARDEAU MIXED. Pkt. 10 cts., ¼oz. 60 cts., oz. $2.25.
GERMAN MIXED. Flowers not so large, but colors fine. Pkt. 5 cts., ¼oz. 45 cts., oz. $1.50.

PETUNIA HHA

Hybridizing has accomplished wonders in this as in other genera of plants. But a few years back it was deemed imperative to secure in fall stock plants of all desirable varieties. At the present day this would be a waste of time and space, as the excellent strains of seed now offered fulfil all wants. Single- and double-flowering, plain or fringed petals, tall or dwarf growth, may all be had remarkably true from seed, and with these go a degree of vigor that is lacking in plants propagated by cuttings. Petunias are valuable as pot-plants, particularly adapted for vases, baskets, window-boxes, etc., and the dwarf varieties are leaders for bedding. For the latter purpose February and March sowings will be timely. We offer in the following list only the best strains.

Double-Flowered Petunias

Large-flowering, Double, Fringed, Mixed. A superb mixture of finely fringed varieties in many colors. Pkt. 50 cts.

Single-Flowered Petunias

Large-flowering, Fringed. An unsurpassed mixture from carefully fertilized show flowers. Pkt. 25 cts.

Giants of California. Large, fluffy blossoms, handsomely fringed and ruffled. White, rose, crimson, black, etc. Mixed. Pkt. 25c.

Ruffled Giants. A distinct class with very large flowers, which are deeply ruffled and fluted; elegant. Pkt. 25 cts.

Ruffled and Fringed Giants. Exquisitely fringed and ruffled on the edges, and of immense size, in endless varieties of colors, markings, veinings, blotches and stripings, with deep throats of maroon, yellow, white, black or green. Pkt. 25 cts.

Howard's Star. Very free-flowering. A blush-pink star on maroon ground. Pkt. 10 cts., ⅛oz. 50 cts.

Dwarf Inimitable, Compacta multiflora. Only 6 in. high and completely covered with flowers. Pkt. 10 cts., ⅛oz. 50 cts.

Large-flowering Fringed Petunias

SINGLE-FLOWERED PETUNIAS, continued

Rosy Morn (Erfordia). A lovely rose shade with yellowish throat; bushy and very free. 6 in. Pkt. 10 cts., ⅛oz. 50 cts.

Snowball. Another beautiful, dwarf, pure white variety; sweet-scented. 6 in. Pkt. 10 cts., ⅛oz. 40 cts.

Fine Mixed. Pkt. 5 cts., ¼oz. 25 cts., oz. 75 cts.

PHLOX DRUMMONDII

Flame Flower

A very beautiful and useful class of half-hardy annuals. They are so many-hued, brilliant, varied and lasting, that few rivals are to be found for effectiveness from July to fall. To secure good results, they should be sown or planted in well-drained soil and thinned out at an early stage to secure sturdy plants. Full sun exposure suits them best, as in wet or shady situations they are subject to mildew. Seed may be sown outdoors in April and May, or earlier indoors and transplanted. All faded trusses of flowers should be removed ere they go to seed.

Phlox Drummondii grandiflora

A great improvement on the old tall varieties, having large, round florets with distinct eyes; are very fine bedders and useful for cuttings. 1 to 1½ ft. apart is not too much space for good soil. 1 ft.

Alba. Flowers pure white. Pkt. 10 cts., ¼oz. 40 cts.

Atrorosea. Deep rose. Pkt. 10 cts., ¼oz. 40 cts.

Chamois-Rose. With a white eye. Pkt. 10 cts., ¼oz. 40 cts.

Coccinea. Vivid scarlet. Pkt. 10 cts., ¼oz. 40 cts.

Isabellina (**Lutea**). Flowers yellow; distinct. Pkt. 10c., ¼oz. 40c.

Kermesina alba oculata. Crimson, with white eye. Pkt. 10 cts., ¼oz. 40 cts.

Stellata splendens. Deep crimson with white star. Pkt. 10 cts., ¼oz. 40 cts.

Large-flowering, Finest Mixed. Pkt. 5 cts., oz. 75 cts.

Phlox nana compacta

Dwarf; compact. These are elegant for beds, edging, and nice for pot-plants. They may be planted or thinned to 8 inches space. They will average 6 inches in height.

Grandiflora (**Cecily Phloxes**). These dwarf varieties have flowers equally as large as the Grandiflora class. Very handsome for bedding; 6 in. Finest Mixed. Pkt. 10 cts., ⅛oz. 50 cts.

Chamois-Rose. Pkt. 10 cts., ¼oz. 75 cts.

Defiance. An extremely showy scarlet. Pkt. 10 cts., ¼oz. 75 cts.

Fireball. Scarlet. Pkt. 10 cts., ¼oz. 75 cts.

Snowball. White. Pkt. 10 cts., ¼oz. 75 cts.

Victoria. Deep scarlet. Pkt. 10 cts., ¼oz. 75 cts.

Choice Mixed. Pkt. 5 cts., ¼oz. 50 cts.

Hardy Phlox

Decussata grandiflora. HP. Fine, new, large-flowering varieties in splendid mixture. These make a wonderful show if planted in clumps or masses. Seed germinates slowly and irregularly over a period of six months or more. Herbaceous; 3 ft. Pkt. 25 cts., ¼oz. 60 cts.

POLEMONIUM cæruleum grandiflorum. HP. Foliage of plant deeply cut; flowers beautiful blue and in clusters; 2 ft. Pkt. 10 cts., ⅛oz. 25 cts.

POPPIES (Papaver)

Annuals and hardy perennials. Poppies are unsurpassed for brilliancy of color, and, from the charming little Shirley to the gorgeous peony-flowered, are subjects of lavish admiration. As they do not transplant satisfactorily, it is advisable to sow where they are to remain. Many of them are elegant for cutting, particularly the Shirleys; these, if picked early in the morning with buds just showing color, will be found durable for two days or more.

Shirley Poppies

Single Annual Poppies

Admiral. A peony-flowered white, with a broad band of brilliant scarlet around the top; showy and very fine for use as a cut-flower. Pkt. 5 cts., oz. 50 cts.

Shirley, "Celesta." Beautiful sky-blue, lavender and gray shades in abundance. Pkt. 15 cts.

Shirley Improved. This is a charming class of Poppies, all white-centered, and running through many beautiful shades of rose, salmon, apricot, pink, etc., to glowing crimson. This is an elegant variety for cutting; 2 ft. Pkt. 5 cts., oz. 30 cts.

Scarlet Umbrosum. A single-flowering Poppy, color scarlet of intense shade, with glittering black spot at the base of each petal; 1 ft. Pkt. 5 cts., oz. 30 cts.

Single, "Black Prince." Brilliant blackish brown, with violet hue. Pkt. 10 cts.

Single Fringed "Hansa." Pure white, passing to a deep crimson at the fringed edges. Pkt. 15 cts.

Single-flowered Mixed. In very fine mixture. Pkt. 5 cts., oz. 20 cts.

The Bride. Elegantly fringed single; pure white; 2½ ft. Pkt. 5 cts., oz. 25 cts.

Tulip (Glaucum). Dazzling scarlet; cup-and-saucer form. Different from all other Poppies and of unique interest in form and color. Pkt. 5 cts., oz. 50 cts.

Double Annual Poppies

Cardinal. Large; fringed; scarlet; very effective. Pkt. 5 cts., oz. 25 cts.

Carnation-flowered. A splendid border variety. Large, very double, fringed flowers in brilliant colors; 2½ ft. Pkt. 5 cts., oz. 25 cts.

Chamois-Rose. Brilliant double flowers of novel shade; 1½ ft. Pkt. 5 cts., oz. 25 cts.

Lawn Grass Seed. If you desire a perfect lawn, use our Evergreen Lawn Seed. For SHADY PLACES sow our Shady-Nook Lawn Seed. Both kinds, if sown early in spring, will produce a good lawn by midsummer. See inside back cover for seed, and for directions how to make a lawn.

DOUBLE ANNUAL POPPIES, continued

Irresistible. Double flowers 5 inches across, brilliant rose and blush-rose to salmon-rose, all white-centered and handsomely fringed; 2½ ft. Pkt. 5 cts., oz. 40 cts.

Mikado. Each blossom is a large, fluffy ball, pure white at base, with crimson tips; 2½ ft. Pkt. 5 cts., oz. 25 cts.

White Swan (Snowdrift). Very large, double, white, beautifully fringed; 2 ft. Pkt. 5 cts., oz. 25 cts.

Double-flowered, Mixed. Choice mixture of many varieties. Pkt. 5 cts., oz. 20 cts.

Perennial Poppies

These varieties may be sown from July to September to flower the following season, though the Alpine and Iceland families will flower the first season from seed sown in February.

Alpine, Fringed. These are charming little flowers with single fringed or fluted petals. Colors are white, salmon, rose and orange in mixture. 60 per cent come true. 9 in. Pkt. 15 cts.

Bracteatum. Immense, blood-red flowers with black blotches at base of each petal; very fine variety; 4 ft. Pkt. 10 cts., ¼oz. 15 cts.

Bracteatum, Livermore Variety. Enormous crimson flowers, 12 inches and over in diameter, with black center; 4 ft. Pkt. 10 cts., ¼oz. 50 cts.

Iceland (Nudicaule). New Excelsior strain. Very graceful, dwarf plants containing over twenty shades; 1 ft. Pkt. 10 cts., ¼oz. 25 cts.

Oriental. Gigantic, dark scarlet flowers. Pkt. 10 cts., ¼oz. 40c.

Oriental Hybrids. A splendid mixture of all colors, rose, lilac and mauve shades included; very fine for cutting. Pkt. 10 cts., ¼oz. 50c.

PRIMULA SINENSIS TP

Chinese Primrose

Beautiful house plants that are quite readily grown from seed, which should be sown thinly so that earliest plants may be removed, without disturbing seed that will germinate later. Full directions for their care are printed on the seed packets.

Giant-Flowering Fringed Primulas

Giant Pink. Enormous flowers; very delicate, striking pink; very solid large petals. Erect, vigorous habit. Pkt. 50 cts.

Giant Primula Sinensis

Giant White (Lady Randolph Churchill). Flowers as large as the preceding, and plants of similar habit. Pkt. 50c.

Giant Copper-colored (Emperor). A distinct shade; fine. Pkt. 50 cts.

Giant Light Rose. Delicate rosy pink. Pkt. 50 cts.

Giant Red. Rich, velvety crimson. Pkt. 50c.

Giant Salmon. Very large, deep salmon-rose flowers. Pkt. 50 cts.

Giant Orange King. Buds beautiful rich orange; when fully expanded, petals are orange-salmon shaded terra-cotta. Splendid, free-flowering variety. Pkt. 50 cts.

Giant Blue. Very large and solid flowers, rich light blue, well fimbriated and free-flowering. Pkt. 50 cts.

Giant Fleshy White (Princess Louisa). Pkt. 50 cts.

Giant Rose-colored (Marquis of Lorne. Pkt. 50 cts.

Primula obconica gigantea

GIANT-FLOWERING FRINGED PRIMULAS, continued

Giant Mixed. Superb mixture. Pkt. 50 cts.
Fimbriata, Single. Choice mixed. Pkt. 25 cts.
Fimbriata, Double. Choice mixed. Pkt. 50 cts.

STAR PRIMULAS (*Primula Sinensis stellata*). A beautiful new class. Very fine as pot-plants or for cutting, for which use they are most excellent, remaining fresh for many days; 2 ft. Mixed, pkt. 50c.

COCKBURNIANA. A very remarkable orange-scarlet species from China. Three to six whorls of flowers on an 8- to 18-inch scape. Pkt. 50 cts.

KEWENSIS. This is a beautiful addition, originated at the Kew gardens. A robust grower, and flowers in quite a small state, and in established plants is almost continually in bloom. Colors very rich yellow; flower-spikes 10 to 18 inches high with blooms produced in successive whorls. Elegant pot-plant, and fine for cutting. Pkt. 25c.

OBCONICA. (Arendsii Strain.) A good variety for pot-plants for decorative use, blooming from autumn to spring. May also be used outdoors. The Gigantea or Arendsii type is a giant type of higher perfection; flowers nearly as large as those of the Chinese Primrose. Pkt. 50 cts.

Grandiflora alba. White.
Gigantea. Carmine.
Gigantea, Mixed.
Gigantea hybrida fimbriata. Giant fringed, mixed.
Gigantea lilacina. Dark lilac.
Gigantea oculata. Dark-eyed varieties, mixed.
Gigantea rosea. Rose.
Gigantea rubra. Red.
Typica. Light blue.
Apple Blossom. Dainty light pink.

VERTICILLATA (Abyssinian Primrose). New half-hardy species with golden yellow, sweet-scented flowers in whorls. Foliage powdered white; fine pot-plant; seed germinates slowly. Pkt. 25 cts.

Hardy Primulas

Useful for pot culture or for rockeries and borders. While hardy under favorable conditions of soil and moisture, it is prudent to protect them over winter, particularly against saturation of soil by water.

Auricula (Storrie's Nondescript). Vigorous and possessing a wonderful range of colors and shades; 1 ft. Pkt. 25 cts.

Forbesi rubra (Baby Primrose). This is a great improvement on *Primula Forbesi*. Flowers in 9 months from seed. Useful as a decorative plant. Pkt. 25 cts.

Japonica, New Hybrids. Vigorous, large-leaved, and about 18 inches high, throwing a tall flower-stem. Colors vary from blush-white to crimson and maroon, and of many pleasing shades. Pkt. 10c.

HARDY PRIMULAS, continued

Malacoides. A giant Baby Primrose from China. Foliage light green, deeply waved and fringed. The numerous flower-stems grow to a height of 6 to 10 inches; flowers light lilac, produced in profusion; fine pot-plant. Pkt. 25 cts.

Malacoides alba. A pure white variety of recent introduction. Pkt. 25 cts.

Malacoides rosea. Flowers from light rose to brightest carmine-rose. Pkt. 25 cts.

Pulverulenta. Resembling *Primula Japonica*, but has larger and richer-colored, rosy purple flowers; 1½ ft. Pkt. 25 cts.

Rosea grandiflora. A fine variety with bright rose flowers; 6 in. Pkt. 25 cts.

Sieboldi amœna grandiflora. Beautiful, large-flowered varieties. Nice foliage and umbels of flowers, ranging in color from white and blush to pink, rose and lavender-blue; 1 ft. Pkt. 50 cts.

Veris grandiflora elatior. New giant-flowering varieties. Colors rich, dark red, white, pink, yellow, purple and rose; flowers 1½ to 2 inches diameter. Finest mixed, pkt. 25 cts.

Vulgaris (English Primrose). This is the pale yellow, sweet-scented variety; 6 in. Pkt. 10 cts., ¼oz. 25 cts.

PYRETHRUM

Roseum hybridum grandiflorum. HP. These are new large- or giant-flowered varieties, ranging from light pink to carmine-red. They are elegant for cutting and plants are perfectly hardy. Mixed colors; 2 ft. Pkt. 15 cts., ¼oz. 75 cts.

Roseum nanum. A dwarf form of the splendid hybrids of *Pyrethrum roseum*. Pkt. 25 cts.

Double and **Semi-Double Varieties.** A fair percentage come true from seed; 2 ft. Pkt. 25 cts.

Foliage or Bedding Varieties TP

Parthenifolium aureum. The well-known Golden Feather. Valuable for bedding, etc.; 6 in. Pkt. 5 cts., ¼oz. 25 cts.

Parthenifolium aureum selaginoides. The beautiful Fern-leaved Golden Feather; 5 in. Pkt. 5 cts., ¼oz. 25 cts.

RICINUS (Castor-Oil Plant) HHA

Nothing we offer surpasses these in subtropical effectiveness. Some will very easily reach a diameter of 10 to 12 feet, and others a height of 15 feet or more, according to treatment. They respond quickly to feeding and watering, and by removing side growths they will soon screen a window or sunny side of a porch. Beautiful as a solitary plant or in groups. For quickest results start seeds in pots.

Borboniensis arboreus. Tree-like variety with giant leaves. One of the most imposing varieties; 15 ft. Pkt. 5 cts., oz. 15 cts.

Cambodgensis. Beautiful, dark foliage and stems almost black; 5 to 8 ft. Pkt. 5 cts., oz. 15 cts.

Gibsoni. Dark purple leaves and stems; of dwarf habit; 4 ft. Pkt. 5 cts., oz. 15 cts.

Gibsoni mirabilis. Both stem and foliage a rich, dark brown; the young leaves very glossy; fruits are remarkably bright carmine; 4 ft. Pkt. 5 cts., oz. 25 cts.

Panormitanus. Particularly attractive on account of its sturdy erect growth and symmetrical outline. The stem, leaf-stalk and fruit capsules are covered with a plum-like bloom. The deeply lobed leaves, 2½ feet and more across, on 2-foot leaf-stalks, are lustrous bronze in young state, maturing to an olive-green, the midrib and veins being deep red; 6 to 8 ft. Pkt. 5 cts., oz. 30 cts.

Philippinensis. A tall-growing variety with purplish red foliage of a large size; 9 to 12 ft. Pkt. 5 cts., oz. 15 cts.

Sanguineus (Obermanni). A very ornamental variety; stalk and fruit-vessels blood-red; 8 ft. Pkt. 5 cts., oz. 15 cts.

Zanzibarensis, Mixed. All beautiful varieties for specimen plants or groups. It is claimed for Castor plants that they drive away or disperse moles, the odor of the roots being offensive. Pkt. 5 cts., oz. 15 cts., 4 ozs. 50 cts.

SALVIA (Sage)

Mainly half-hardy perennials. Most satisfactory bedding plants, the newer varieties all blooming from July to frost. A sunny situation in ordinary soil suits them best, over-rich soil tends to overgrowth with later and fewer flowers; 1½ to 3 ft.

Bonfire. Compact in growth; spikes erect, brilliant scarlet in color; 2 ft. Pkt. 10 cts., ⅛oz. 75 cts.

Fireball. Semi-dwarf, 1½ to 2 ft. in height, and very bushy; very free and early; splendid bedder. Pkt. 10; cts., ⅛oz. 60 cts.

Improved Stuttgart. Differs from the Splendens type, in that it is more vigorous and branching in its habit; bears large spikes of much larger scarlet flowers. Pkt. 10 cts., ⅛oz. 75 cts.

Salvia splendens

SALVIA, continued

Lord Fauntleroy. Very dwarf and bushy, as wide as it is high; very free. Pkt. 10 cts., ⅛oz. 60 cts.

Splendens (Scarlet Sage). Tall variety, very rich and free; late; 2 ft. Pkt. 5 cts., ¼oz. 40 cts.

Splendens, Lilliputana. Attains a height not over 10 inches; vivid scarlet flower-spikes. Pkt. 25 cts.

Splendens, "Perpetual." Plants very dwarf, compact and bushy; intense red flowers. Pkt. 15 cts.

Zurich. A new dwarf, free- and early-flowering variety. A splendid bedder; 1½ ft. Pkt. 15 cts., ⅛oz. 75 cts.

Patens. HP. A lovely blue; very rich. A fine border species; 3 ft. Pkt. 25 cts.

SAINTPAULIA ionantha (The Usambara Violet). **TP.** Dark green, fleshy foliage, spreading over the soil, from which spring up violet-like flowers, both as to color and form. It is easily grown from seed, will flower when six months old, and when established will bloom throughout the year; 1 to 2 ft. Pkt. 25 cts.

SANVITALIA procumbens. HHA. Free-flowering, spreading plants, suitable for beds, edging or rockwork and nice as a basket plant. Single yellow flowers with black disc; durable; 6 in. Pkt. 5c.

SAXIFRAGA decipiens grandiflora hybrida. HP. Charming hybrids. Countless flowers in many shades, white to rose and crimson. For edging rockeries; 1 ft. Pkt. 10 cts.

SCHIZANTHUS (Butterfly Flower) HHA

The sight of a few well-grown plants would induce or tempt a novice to grow them. They are simply elegant for decorative use in pots or for cutting. The buds open in water and the sprays last for a week. Best plants are grown from August- to September-sown seed; with cineraria treatment success is assured. May also be sown at intervals for succession.

Hybrida grandiflora compacta. These are large-flowered, with beautiful color combinations in the same flower, as white, rose and gold; white, crimson and yellow; violet, blue and yellow, all more or less spotted; 1¼ ft. Pkt. 10 cts.

Wisetonensis. Charming long- and profuse-blooming hybrids. Chiefly light shades. Excellent for greenhouse culture. Pkt. 20 cts.

Wisetonensis compactus (Bridal Veil). A beautiful, new, semi-dwarf, compact variety. Pkt. 25 cts.

SCUTTELARIA Baicalensis cœlestina. HP. Of bushy habit with abundance of light blue flowers; 1½ ft. Pkt. 25 cts.

Scabiosa grandiflora

SCABIOSA

Mourning Bride; Pincushion Flower

Extremely free-flowering plants. Splendid for beds and borders. Seed sown in July and August will make nice winter-flowering plants.

Large-flowering, Double. HP. It is a constant and free bloomer, the plants being masses of color throughout the summer months. Faded flowers should be removed, to husband the strength of plants; 3 ft. Azure-Blue, White, Flesh, Rose, Lilac, Cherry-Red, Brick-Red, Black-Purple, Mixed. Each, pkt. 5 cts., ¼oz. 20 cts.

Large-flowering, Double, Semi-Dwarf. HB. Very nice for beds; 1 ft. Mixture of white, lilac, black-purple and fiery red. Pkt. 5 cts., ¼oz. 20 cts.

Caucasica. HP. These are elegant perennial varieties, that flower the first season from early-sown seed. Pkt. 10 cts.

SALPIGLOSSIS grandiflora superbissima (Emperor Salpiglossis). **HHA.** A gorgeous display is given by these plants during the hot days and drought of July and August. Their coloring is wonderfully rich and the funnel-shaped flowers are marvelously painted and penciled, having the appearance of numerous overlapping petals. Splendid mixture of yellow, chamois-rose, brown and gold, brilliant crimson, dark scarlet, light blue, purple and violet. A most satisfactory plant for quite dry situations; also a fine pot-plant; 2½ to 3 ft. Pkt. 10 cts., ¼oz. 50 cts.

SILENE

Orientalis. HP. A robust border plant, with many heads of bright rose flowers, having a clove odor; nice for cutting; 2½ ft. Pkt. 5 cts.

Mixed. Pkt. 5 cts.

SHAMROCK. True seed; imported from Ireland. Pkt. 10 cts.

SOLANUM Capsicastrum nanum (Jerusalem Cherry). **TA.** Handsome dwarf plant with abundance of ornamental scarlet berries; 1 ft. Pkt. 10 cts.

SMILAX (Myrsiphyllum). TP. This popular decorative vine of the florists is readily grown from seed, and will attain a height of 6 to 12 feet. Should have a rich soil. Most suitable for conservatory. Pkt. 10 cts., ¼oz. 25 cts.

STATICE incana. HP. A beautiful variety of Sea Lavender; fine for cutting; 1½ ft. Pkt. 5 cts., oz. 35 cts.

STEVIA serrata. TP. Large heads of small, cream-white, sweet-scented flowers; very useful for cutting and combining with other flowers in bouquets; 1½ ft. Pkt. 10 cts.

STOCKS (Gilliflower) HHA

General favorite for bedding; excellent for pot-plants or cutting. August-sown seed will produce fine plants for spring pot sale or cutting. Seed sown under glass in March will supply nice bedding plants in light soils and may be sown outside in April and May and will afford bloom from summer till frost. All delightfully fragrant.

Large-flowering Dwarf Bouquet (Ten-Weeks Stock). This is a class particularly suited for pot culture, beds or edging. Habit is dwarf and bushy. Height about 8 inches; 90 per cent double flowers. Brilliant Rose, Dark Blue, Canary-Yellow, Crimson, Light Blue, White and Mixed. Each, pkt. 10 cts., ⅛oz. 60 cts.

Cut-and-Come-Again Varieties (Ten-Weeks Stock). A large free-flowering class of pyramidal habit. Large flower-spikes and excellent for cutting; 90 per cent double flowers. Very fine for outdoor planting. Blood-Red, Brilliant Rose, Delicate Rose, Dark Blue, Lilac, Crimson, Princess Alice (pure white), Yellow, Carmine and Mixed. Each, pkt. 10 cts., ⅛oz. 60 cts.

Large-Flowering Dwarf Pyramidal

Ten-Weeks Stock

A dwarf-growing, very early-flowering class, excellent for forcing. Fine, long spikes of flowers; bright colors and very fragrant; about three to four weeks earlier than the "Nice" Stocks; 90 per cent double flowers.

Sapphire. New deep sapphire-blue. A splendid Stock of delightful color, and early flowering. Pkt. 25 cts.

Snowflake. Very large; snowy white; the earliest of the white Stocks. Splendid for cutting or for planting outdoors. Pkt. 25 cts.

Early Brompton or "Nice" Stocks HB

These are of rapid growth, great durability and very fragrant. Summer-sown seed will bloom in eight to ten weeks; spring-sown in about four months; 60 to 75 per cent double-flowered.

Almond Blossom. Tender carmine; very pleasing. Pkt. 15 cts.

Beauty of Nice. Large blooms of flesh-pink. Pkt. 15 cts.

Giant Abundance. New. Fine large spikes of carmine-rose; flowers produced in profusion; excellent for cutting. Pkt. 25 cts.

Monte Carlo. A beautiful canary-yellow. Pkt. 15 cts.

Empress Elizabeth. Large spikes of large, double, rose-shaped, bright crimson flowers. The plant branches in candelabra form. 18 inches. Pkt. 15 cts.

Queen Alexandra. A clear rosy lilac; large florets. Pkt. 15 cts.

Vesuvius. Very large and double blood-red flowers. Pkt. 15 cts.

Mont Blanc. Snow-white; a great improvement on former whites of this class; excellent for cutting. Pkt. 25 cts.

Souvenir de Monaco. Bright carmine. Pkt. 15 cts.

Stocks, Dwarf Bouquet

SWEET PEAS

Improved varieties are coming thick and fast, and many old favorites must of necessity be dropped from the list. Many of the Spencers are very grand Sweet Peas, but not fully fixed in character and not so productive as the older varieties. Their size and form, however, render them very attractive and effective. Our stock is grown for us under most favorable conditions, and will be found true to name and of excellent quality. The seeds should be sown early in spring; or, when the ground is not readily prepared in spring, fall sowing may be made, excepting the white-seeded varieties, which should not be sown until soil becomes quite warm and dry; or they may be started early in pots in greenhouse or frame and planted out as early as the weather permits.

For quantities of 1 lb. or more, desired by mail, add postage at your zone rate

Spencer, or Orchid-Flowered

These are beautiful, large, wavy-petaled varieties, three to four flowers to a stem. As they are shy seeders, the price will be proportionately high.

Arthur Green Spencer. Standard bronzy maroon, wings maroon, shaded violet. Pkt. 10 cts., oz. 25 cts., 4 ozs. 70 cts., lb. $2.50.

Aurora Spencer. Enormous flowers, ground-color cream-white, flaked and mottled with rich orange-salmon. Pkt. 10 cts., oz. 25 cts., 4 ozs. 70 cts., lb. $2.50.

Apple Blossom Spencer. Most beautiful rosy pink flowers; petals very much waved and crinkled. Pkt. 10 cts., oz. 25 cts., 4 ozs. 70 cts., lb. $2.50.

Asta Ohn Spencer. The best lavender; four blossoms to a stem. Pkt. 10 cts., oz. 25 cts., 4 ozs. 85 cts., lb. $3.

America Spencer. Ivory-white, striped with brilliant crimson-red. Pkt. 10 cts., oz. 25 cts., 4 ozs. 70 cts., lb. $2.50.

Beatrice Spencer. Large as Countess, but a deeper pink; standard wavy, wings large. Pkt. 10 cts., oz. 25 cts., 4 ozs. 70 cts., lb. $2.50.

Blanche Ferry Spencer. Bright carmine-rose; wings white. Pkt. 10 cts., oz. 25 cts., 4 ozs. 85 cts., lb. $3.

Captain of the Blues Spencer. Even larger than Countess Spencer. Standard purple, wings blue. Pkt. 10 cts., oz. 25 cts., 4 ozs. 70 cts., lb. $2.50.

Clara Custer. Deep cream-yellow; very large flowers. Pkt. 10 cts., oz. 25 cts., 4 ozs. 85 cts., lb. $3.

Countess Spencer. Lovely clear pink, darker toward margin; very large flowers. Pkt. 10 cts., oz. 25 cts., 4 ozs. 70 cts., lb. $2.50.

Dainty Spencer. White, with pink edge, usually four flowers to a stem. Pkt. 10 cts., oz. 20 cts., 4 ozs. 65 cts., lb. $2.25.

Dorris Burt. Intense red; wings long and broad. Pkt. 10 cts., oz. 25 cts., 4 ozs. 85 cts., lb. $3.

Elfrida Pearson. Pink-blush. Pkt. 10 cts., oz. 25 cts., 4 ozs. 85 cts., lb. $3.

Ethel Roosevelt. Primrose, flaked and striped light pink. Pkt. 10 cts., oz. 25 cts., 4 ozs. 65 cts., lb. $2.25.

Florence Nightingale Spencer. Largest lavender. Pkt. 10 cts., oz. 25 cts., 4 ozs. 65 cts., lb. $2.25.

Florence Morse Spencer. A light-pink-edged Countess Spencer; four flowers to a stem. Pkt. 10 cts., oz. 20 cts., 4 ozs. 65 cts., lb. $2.25.

George Herbert. A beautiful rosy carmine; very fine. Pkt. 10 cts., oz. 20 cts., 4 ozs. 65 cts., lb. $2.25.

George Stark. Bright red; standard carmine-purple. Pkt. 10 cts., oz. 25 cts., 4 ozs. 70 cts., lb. $2.50.

Helen Lewis. Orange-rose wings which roll and fold; standard crimson-orange, 2 inches across and fluted. Pkt. 10 cts., oz. 25 cts., 4 ozs. 70 cts., lb. $2.50.

King Edward Spencer. Bright crimson-scarlet, very large size; large, wavy standard and large, drooping wings. Pkt. 10c., oz. 25c., 4 ozs. 70c., lb. $2.50.

Marie Corelli Spencer. Wings rich crimson, standards cherry-red. Pkt. 10 cts., oz. 25 cts., 4 ozs. 75 cts., lb. $2.75.

Masterpiece Spencer. Lavender. Pkt. 10c., oz. 25c., 4 ozs. 70c., lb. $2.50.

Mrs. A. C. Breadmore. Primrose, with rose edge. Pkt. 10 cts., oz. 25 cts., 4 ozs. 70 cts., lb. $2.50.

Mrs. Hugh Dickson. A very large, cream-pink, waved variety. Pkt. 10 cts., oz. 25 cts., 4 ozs. 85 cts., lb. $3.

Mrs. Routzahn Spencer. Soft rose and buff with primrose, distinctly edged rose. Pkt. 10 cts., oz. 25 cts., 4 ozs. 85 cts., lb. $3.

Othello Spencer. Very deep pure maroon of the largest Spencer type; large, wavy and drooping wings. Pkt. 10 cts., oz. 25 cts., 4 ozs., 70 cts., lb. $2.50.

Primrose Spencer. Three to four flowers on a stem, of a pronounced primrose-yellow; large and fine. Pkt. 10 cts., oz. 20 cts., 4 ozs. 65 cts., lb. $2.25.

Ramona Spencer. Usually four flowers to a stem; clear white, lined and flaked blush-pink. Pkt. 10 cts., oz. 25 cts., 4 ozs. 85 cts., lb. $3.

Senator Spencer. Chocolate-purple, white striped. Pkt. 10 cts., oz. 25 cts., 4 ozs. 85 cts., lb. $3.

Sankey Spencer. A black-seeded white variety, with flowers fully as large as White Spencer. Pkt. 10 cts., oz. 20 cts., 4 ozs. 65 cts., lb. $2.25.

Tennant Spencer. Rosy purple, self-colored; shows a tendency toward magenta. Pkt. 10 cts., oz. 25 cts., 4 ozs. 70 cts., lb. $2.50.

White Spencer. Enormous flowers in great quantities, three and four blossoms to a long and strong stem. Pkt. 10 cts., oz. 25 cts., 4 ozs. 85c., lb. $3.

W. L. Hutchins Spencer. Primrose and buff shaded blush-pink. Pkt. 10 cts., oz. 25 cts., 4 ozs. 85 cts., lb. $3.

Superb Mixed Spencers. A splendid and well-blended mixture of all true Spencer types only. Pkt. 5 cts., oz. 15 cts., 4 ozs. 50 cts., lb. $1.50.

Large-flowering Sweet Peas

Standard Large-Flowering Sweet Peas

All the following named varieties, pkt. 5 cts., oz. 10 cts., 4 ozs. 25 cts., lb. 60 cts. For quantities of 1 lb. or more, desired by mail, add postage at your zone rate.

Apple Blossom. Standard rose-pink; wings white, tinged pink.

Aurora. Flaked orange-salmon, largest striped.

America. Bright blood-red, striped.

Blanche Ferry. Bright carmine-rose; wings white, tinged with pink.

Bolton Pink. Rich salmon-pink.

Captain of the Blues. Streaked violet-purple; wings lavender.

Coccinea. Pure cherry-red.

STANDARD LARGE-FLOWERING SWEET PEAS, continued

Dorothy Eckford. One of the best pure whites; large wings; standards over 2 inches across.
Emily Henderson. White; early blooming.
Flora Norton. Rich lavender.
Hester. Bright blue, striped.
Hon. Mrs. E. Kenyon. The finest standard primrose-yellow.
Janet Scott. Rich pink; large flowers.
King Edward VII. Bright red or crimson-scarlet. Very large, open flowers.
Lady Grisel Hamilton. Standard light mauve; wings lavender; large size. The largest and lightest shade of lavender varieties.
Lord Nelson. Rich, deep navy-blue; large flowers.
Lovely. Standard and wings deep pink, shading to a very light pink at the edges; vigorous grower; mostly four flowers to a stem.
Lottie Eckford. Large, silvery white flowers, shaded and edged with soft lavender.
Mrs. Collin. Large amber-white flowers.
Mrs. Walter Wright. Beautiful mauve.
Navy-Blue. Deep violet-blue.
Othello. Deep maroon.
Prince of Wales. Bright rose.
Queen Alexandra. Intense scarlet.
Queen of Spain. Beautiful buff.
Stella Morse. Cream, tinted pink.
Large-flowering, Superb Mixed. Prepared from a well-studied and carefully arranged formula. This mixture contains over 100 choice large-flowering varieties. Pkt. 5 cts., oz. 10 cts., 2 ozs. 15 cts., 4 ozs. 20 cts., ½lb. 30 cts., lb. 60 cts.

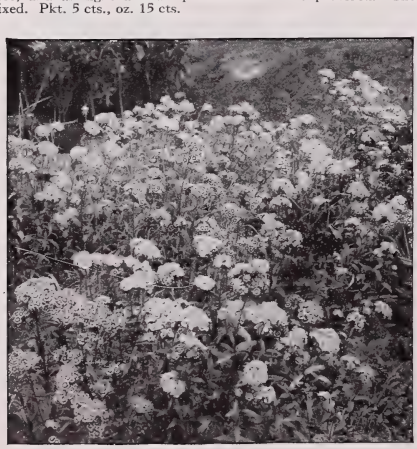
Winter-Flowering Sweet Peas

A very desirable class for greenhouse use, being early and continuous bloomers. Also early outdoors, but surpassed in size and quality by other varieties. Sow from August to October for early and succession. Mailed in original packets.

Christmas Pink. Earliest of all pinks. Pkt. 10 cts., oz. 25 cts.
Christmas Meteor. Scarlet. Pkt. 10 cts., oz. 25 cts.
Earliest of All. Pink and white. Pkt. 10 cts., oz. 20 cts.
Earliest White. Pure white. Pkt. 10 cts., oz. 25 cts.
Extra-early Blanche Ferry. Pink and white. Pkt. 10 cts., oz. 20c.
Florence Denzer. Pure white. Pkt. 10 cts., oz. 25 cts.
Le Marquis. Dark blue. Pkt. 10 cts., oz. 25 cts.
Mrs. Wm. Sim. Salmon-pink. Pkt. 10 cts., oz. 25 cts.
Mrs. C. H. Totty. Pure lavender. Pkt. 10 cts., oz. 25 cts.
Mrs. E. Wild. Rose-crimson. Pkt. 10 cts., oz. 25 cts.

Cupid Sweet Peas

These spread over the ground like a verbena, 6 to 8 inches high, and 15 to 18 inches across the plants. The growth is very heavy and close, and all light and air possible should be provided. Choice mixed. Pkt. 5 cts., oz. 15 cts.



Sweet William

STOKESIA cyanea (Cornflower Aster). **HP.** Lavender-blue, aster-like flowers, 4 to 5 inches in diameter. Flowers freely from midsummer to frost and is one of the most interesting of all perennials; 1½ ft. Pkt. 10 cts., ¼oz. 25 cts.

SWEET WILLIAM (*Dianthus barbatus*) HB

Produces splendid effects in beds and borders. Widely grown for the handsome showy heads of brilliant flowers.

Holborn Glory. Large, handsome, single flowers, brilliant in color, with white eye and white edge; 1½ ft. Pkt. 10 cts., ¼oz. 25 cts.
Pink Beauty. Single, fine, deep pink flowers. Pkt. 10 cts., ¼oz. 50 cts.
Salmon Queen. Very fine salmon shades. Pkt. 15 cts.
Scarlet Beauty. Intensely rich, deep scarlet. Pkt. 15 cts.
Single White and **Crimson.** Each, pkt. 5 cts., ¼oz. 15 cts.
Single Varieties. Finest mixture. Pkt. 5 cts., ¼oz. 15 cts.
Double Varieties. Finest mixture. Pkt. 10 cts., ¼oz. 30 cts.
Annuus (Annual-flowering Sweet William). A new strain that flowers the first season. Sow early. Finest mixture. Pkt. 10 cts., ¼oz. 25 cts.
Everblooming Sweet William (*D. latifolius atrococcineus fl. pl.*). **HP.** A very rich crimson flower, double and blooming freely and continuously. Pkt. 10 cts., ¼oz. 50 cts.
Double Salmon. Very fine; flowers very rich salmon-color. Pke. 15 cts.

SWEET ROCKET (*Hesperis matronalis*). An old-fashioned flower; sweet-scented and nice for cutting; white, purple and lilac, mixed; 2 to 3 ft. Pkt. 5 cts., ¼oz. 15 cts.

THUNBERGIA (Black-eyed Susan). **HHA.** Very attractive, slender, climbing or trailing plants, neat for baskets, porch-boxes, etc. Pure White; White, black-eyed; Pure Sulphur-yellow; Sulphur, black-eyed; Orange, black-eyed; Sulphur, white-eyed; Orange, white-eyed; Mixed. Each, pkt. 5 cts., ¼oz. 25 cts.

TORENIA HHA

Very handsome pot-plants and suitable for beds or edging in sheltered situations; 9 inches.

Fournieri grandiflora. Large flowers, an inch and over in diameter; sky-blue, blotched purple, yellow-throated. Pkt. 10 cts.
Bailloni. Golden yellow with rich red-brown throat. Pkt. 25 cts.

TRITOMA hybrida, Express. HP. Very early-flowering variety; elegant orange-scarlet flowers; 3 ft. Pkt. 20 cts.

VALERIAN. HP. Showy border plants with large heads of sweet-scented flowers. Fine for cutting. White and red, mixed. Pkt. 5c.

VISCARIA (Rock Lychnis). Very profuse-blooming annuals allied to the Dianthus; hardy and easily grown anywhere, but prefer hot, sunny situations. For beds, lines, etc. Mixed, pkt. 5 cts.

VINCA (Periwinkle). **TP.** Very handsome plants about 1 foot high. Dark, glossy foliage and in flower constantly from June to frost. If sprays be cut and placed in water, all the buds will be developed, making them effective for a week. 1 to 1½ ft. White, Rose, White, rose-eyed, Mixed. Each, pkt. 10 cts., ⅛oz. 15 cts.

VERBENA HA

A very popular bedding plant. The seeds come true to color, and plants are of surprising vigor compared with plants grown from cuttings. They should be planted at least 15 inches apart in good soil. Seeds should be soaked in warm water for an hour or two before sowing; cover about one-fourth inch deep and firm the soil; water very carefully; seeds may germinate during a period of four weeks or more. Where plants have been bought and proved unsatisfactory, we would urge a trial of seedlings; their freedom of bloom will repay any extra care. Useful for bedding, vases, boxes, borders, etc.

Citriodora (Lemon Verbena). **TP.** Pkt. 10 cts.
Dornroschin Dwarf. White with a soft carmine-rose edge. Pkt. 25 cts.
Erinoides (Moss Verbena). These have a low-spreading habit, producing in profusion from June to frost their neat, small flowers; 1 ft. Pkt. 10 cts.
Venosa. Fine for edging or beds. Violet and purple. 1½ ft. Pkt. 5 cts.
Hybrida compacta. These are elegant, dwarf, bushy varieties, splendid for beds; edging or as pot-plants; well suited to use with dwarf lobelias, etc.; 2 to 3 ft. Pkt. 10 cts., ¼oz. 75 cts.
Mammoth-flowered Varieties, having clearly defined margins and large white centers; florets average an inch in diameter. Blue with white eye; Pink, Purple, Scarlet, Striped, Blue, White, Auricula-flowered, and Mixed. Each, pkt. 10 cts., ¼oz. 50 cts., oz. $1.75.
Choice Mixed. Pkt. 5 cts., ¼oz. 25 cts., oz. 90 cts.

VIOLA CORNUTA (New Tufted Pansies) HP

A first-class novelty. Flowers 1 to 1½ inches in diameter, on long, stiff stems. All hues from purest yellow to brightest scarlet and from the most delicate rose to the darkest purple. Flowers have three to five dark blotches and are frequently margined with a yellow or whitish band. The strain comes true from seed.

Admiration. Large; dark blue. Pkt. 10 cts., ⅛oz. 30 cts.

Ardwell Gem. Large; primrose. Pkt. 15 cts., ⅛oz. 75 cts.

Blue Perfection. Light blue; large and a constant bloomer. Pkt. 10 cts., ⅛oz. 30 cts.

Rose Queen. Deep rosy lilac flowers. Pkt. 15 cts.

White Perfection. Large-flowered white. Pkt. 10 cts., ⅛oz. 35c.

Mixed. Pkt. 10 cts., ¼oz. 50 cts.

VIOLA odorata (Sweet-scented Violet). **HP.** Fragrant, early spring-blooming plants. Fine mixture. Seed germinates very slowly. Pkt. 10 cts., ¼oz. 50 cts.

WALLFLOWER (Cheiranthus)

A class of free-flowering plants which are particularly valuable for bedding. The flowers bloom in spring, are borne in long spikes, are sweet-scented, and of a splendid range of colors from bright yellow through shades of red to brown.

Kewensis. TP. New so-called annual varieties. These bloom four to five months after sowing, and by making successional sowings flowers may be had almost the year round. They are delightfully fragrant, of a sulphur-yellow shade passing gradually to orange-yellow and violet. Pkt. 25 cts.

Annual, Mixed. Pkt. 10 cts., ¼oz. 25 cts.

Dwarf German (*C. Cheiri*). **TP.** Fine, large spikes of large, sweet-scented flowers; very nice for borders or pot-plants. Splendid mixture of all sorts. Pkt. 25 cts., ⅛oz. 50 cts.

Goliath. HP. A beautiful single variety; flowers rich red. Pkt. 10 cts.

Vesuvius. Orange-scarlet, expanding to hazy yellow. Pkt. 10 cts.

Non-Plus Ultra Mixture. Richest single varieties. Pkt. 5 cts., ¼oz. 25 cts.

WILD CUCUMBER (Echinocystis). **HP.** A very rapid-growing vine with white flowers. Pkt. 5 cts., oz. 15 cts.

Mammoth Verbena

Giant Zinnias

ZINNIA

Half-hardy annuals that have been wonderfully improved. The double-flowered varieties have attained elegance of form and the colors are glorious. Many are beautiful for cut-flower decorations. The pure white, salmon and rich shades of yellow, with crimsons and scarlets are all highly effective and very durable. These may be sown in the latter part of March in boxes or outdoors in May. If transplanted, it should be done at an early stage.

Curled and Crested Double. Very bright, handsome flowers with crested and curled petals. Fine varieties. Pkt. 10 cts., ¼oz. 25c.

Giant Double. Flowers very double and of enormous size, of a diameter of 4 inches and over. White, Golden Yellow, Scarlet, Sulphur-yellow, Flesh-color, Crimson, Violet and Purple. Each, pkt. 15 cts., ¼oz. 50 cts. Mixed, pkt. 10 cts., ¼oz. 40 cts.

Giant Isabella. Delicate buff, shaded yellow; very double. Pkt. 15 cts.

Haageana Perfection. Quite dwarf, 9 to 10 inches high. Flowers very double and about 1½ inches diameter, and in a wide range of beautiful colors. Fine for borders, baskets and vases. Pkt. 10 cts.

Large-flowering. Very fine strain. Splendid for beds or cutting. Carmine, Rose, Flesh-Pink, Crimson, Scarlet, Striped, Golden Yellow, White, and Mixed. Each, pkt. 5 cts., ¼oz. 25 cts.

Double Lilliput. Elegant small pompon flowers; very nice for beds, etc.; 1 ft. Crimson, Lilac, Gold, Orange, Scarlet, White, and Mixed. Each, pkt. 5 cts., ¼oz. 25 cts.

Double Miniature, or Tom Thumb. A very charming, bushy variety that comes 60 to 75 per cent true from seed. They vary somewhat in height; covered with small, brilliant flowers in variety; 6 to 8 in. Mixed, pkt. 5 cts., ¼oz. 25 cts.

Double, Dwarf, Large-flowered. Elegant for beds as well as for cutting, make a glorious show. Very rich colors, in finest mixture. Pkt. 5 cts., ¼oz. 25 cts.

Red Riding Hood. Dwarf and compact; flowers small and intense scarlet. Pkt. 10 cts., ¼oz. 25 cts.

Elegans nana, "Fire King." Very deep scarlet, measure 3 to 4 inches in diameter. Pkt. 15 cts.

Elegans hybrida. Single-flowered varieties; 1½ ft. Pkt. 5 cts., ¼oz. 25 cts.

Lawn Grass Seed. If you desire a perfect lawn, use our Evergreen Lawn Seed. For SHADY PLACES sow our Shady Nook Lawn Seed. Both kinds, if sown early in the spring, will produce a good lawn by midsummer. See inside back cover for seed, and for directions how to make a lawn.

Bulbs, Roots and Tubers

FOR SPRING PLANTING

All bulbs are mailable at parcel-post rates. Varieties preceded by an asterisk (*) are mailed at catalogue prices; for others, add postage at the mailing weights given. For zone rate, ask your postmaster

TUBEROUS BEGONIAS

12 bulbs weigh 8 ozs.

Bloom constantly during the summer. Desirable both for pots and beds. Flowers large and brilliant. Bulbs 1½ inch and up in diameter.

Giant-flowered Single. Crimson, Red, Scarlet, Pink, Yellow, Orange, White and Salmon. 8 cts. each, 75 cts. per doz., $5.50 per 100. Mixed, 65 cts. per doz., $4.75 per 100.

Crested. Flowers as large as the preceding, but the petals carry on the upper side a crest-formed cockscomb. Very attractive. Choice mixed, 10 cts. each, $1 per doz., $7.50 per 100.

Single Fringed (*Begonia crispa*). Flowers beautifully fringed, stems erect; shades of red, rose, white and salmon in mixture. 10 cts. each, $1 per doz., $7.50 per 100.

Giant-flowered Double. Crimson, Scarlet, Pink, Yellow, White, Orange and Salmon. 10 cts. each, 95 cts. per doz., $7 per 100. Mixed, 80 cts. per doz., $6 per 100.

CALADIUMS

ESCULENTUM (Elephant's Ear). Unequaled as a foliage plant. The leaves are shield-shaped, bright green, often measuring 3 feet or more in length and breadth. Very imposing in appearance when developed. They need very rich soil and an abundance of water.

Mammoth Size. 30 cts. each, $3.25 per doz. Weight, 30 ozs.

Extra Large. 11 to 12 inches in circumference. 20 cts. each, $2.20 per doz., $15 per 100. Weight, 18 ozs.

First Size. 9 to 11 inches in circumference. 15 cts. each, $1.50 per doz., $9 per 100. Weight, 12 ozs.

Second Size. 7 to 9 inches in circumference. 10 cts. each, $1 per doz., $7 per 100. Weight, 6 ozs.

Third Size. 5 to 7 inches in circumference. 5 cts. each, 50 cts. per doz., $4 per 100. Weight, 3 ozs.

FANCY-LEAVED. For conservatory or greenhouse; also suitable for outdoors when weather has become warm, in partial shade where protected from strong winds. 20 cts. each, $2 per doz., $15 per 100. Weight, 2 ozs.

CHOICE LARGE-FLOWERING CANNAS

For grouping on lawns, or for large beds, no plants are more effective. They bloom soon after planting. We offer the following choice varieties. Foliage green where not noted.

Tubers weigh 3 ozs. each, or 2 lbs. per doz.

Alphonse Bouvier. Deep, rich, velvety crimson. 6 feet. 10 cts. each, $1 per doz., $6 per 100.

Brandywine. Orchid-flowered. Intense red, mottled with deep crimson. 4½ ft. 10 cts. each, $1 per doz., $6 per 100.

Buttercup. A profusely blooming dwarf Canna of pure buttercup-yellow. 3 feet. 10 cts. each, $1 per doz., $6 per 100.

Charles Henderson. Deep crimson throat, yellow-flamed. 4 feet. 10 cts. each, $1 per doz., $6 per 100.

Crimson Bedder. Dazzling crimson-scarlet; well displayed above the foliage. 4 feet. 10 cts. each, $1 per doz., $6 per 100.

Egandale. Bronze-leaved. Soft currant-rose flowers. 4 feet. 10 cts. each, $1 per doz., $6 per 100.

Florence Vaughan. Bright, rich, golden yellow, spotted red; large flowers. 4 feet. 10 cts. each, $1 per doz., $6 per 100.

Gustav Gumpper. An ideal yellow bedder; compact, bushy growth and continuous bloomer; rich orange-yellow. 3½ to 4 feet. 15 cts. each, $1.25 per doz., $8 per 100.

Hungaria. New pink Canna. One of the most attractive yet introduced; petals large and waxy, made up in large trusses. 15 cts. each, $1.50 per doz., $10 per 100.

King Humbert. Orchid-flowered. Bronze foliage. Brilliant orange-scarlet, bright red shading; large trusses. 5 feet. 15 cts. each, $1.25 per doz., $8 per 100.

King of Bronzes. Ornamental foliage, very broad and round; flowers small, red. 7 to 8 feet. 10 cts. each, $1 per doz., $6 per 100.

Mlle. Berat. Rich rosy carmine or pink flowers. 4 feet. 10 cts. each, $1 per doz., $6 per 100.

Madame Crozy. Brilliant vermilion-scarlet, bordered yellow. 10c. each, $1 per doz., $6 per 100.

Musafolia. Foliage large, and bordered like the Abyssinian banana; rich green in color. Flowers small and red. 6 feet. 10 cts. each, $1 per doz., $6 per 100.

CANNAS, continued

Richard Wallace. Canary-yellow; large flowers. 4½ feet. 10 cts. each, $1 per doz., $6 per 100.

Rosea gigantea. Largest of all Cannas. Rich rose-pink. 4 feet. 15 cts. each, $1.25 per doz., $8 per 100.

Souv. d'Antoine Crozy. Rich, dazzling scarlet, golden yellow edges. 4 feet. 10 cts. each, $1 per doz., $6 per 100.

CHOICE MIXTURES IN CANNAS

50 cts. per doz., $3.50 per 100.

DAHLIAS

Stately and handsome autumn-blooming plants that have again become very popular. They require well-drained, deeply dug soil of moderate fertility. The dormant tubers can be planted out from April 25 to June 30, according to the season.

All varieties, except where noted, 15 cts. each, $1.50 per doz., $12 per 100. If wanted by mail, add 5 cts. per tuber

Well-started plants of many varieties can be supplied after June 1 at the same prices as dormant tubers. Can also furnish dormant tubers of any varieties desired, not herein listed, if ordered now or at an early date.

CACTUS-FLOWERING DAHLIAS

Clara G. Stredwick. Clear bright salmon; large and free.
Countess of Lonsdale. Deep salmon-red; one of the best.
Dainty. Lemon-yellow at center, tipped rose-pink. 20 cts. each, $2.25 per doz.
Dr. Jameson. Deep crimson.
Earl of Pembroke. Bright plum-color; exceedingly large.
General Buller. Rich, deep crimson, tipped white; attractive.
Genista. Deep amber, shaded gold; one of the best. 20 cts. each, $2.25 per doz.
Harbor Light. Vivid orange-red, overlaid flame-color.
J. H. Jackson. The best dark Dahlia; almost black. 20 cts. each, $2.25 per doz.
Kriemhilde. Pleasing shade of pink, white center.
Mary Service. Pinkish apricot or heliotrope; one of the best.
Prince of Orange. Rich, deep orange, yellow center. 20 cts. each, $2.25 per doz.
Prince of the Yellows. Soft yellow; fine.
Standard Bearer. Rich, fiery red; very early. 20 cts. each, $2.25 per doz.

SHOW DAHLIAS

A. D. Livoni. Beautiful soft pink; tightly quilled; very free.
Arabella. Pale primrose, tipped old-rose and lavender.
Cuban Giant, or **Dr. J. P. Kirkland.** Dark crimson; very large.
Fascination. Rose-pink; large.
Golden Age. Sulphur-yellow; fine.
Merlin. Bright orange-scarlet; one of the best. 20 cts. each, $2.25 per doz.
Mary D. Hallock, or **Queen Victoria.** Yellow; free-blooming.
Robert Bloomfield. Pure white; large flowers.
Stradella. Rich, deep purple-crimson. 20 cts. each, $2.25 per doz.
Storm King. Pure snow-white; fine for cutting. 20 cts. each, $2.25 per doz.
Willie Austin, or **Dawn of Day.** Fawn and amber.
Wm. Neats. Soft reddish fawn; very free.

CENTURY DAHLIAS

Blanche. Pale yellow, tipped pink. 20 cts. each, $2.25 per doz.
Rose-Pink Century. Beautiful rose-pink.
Twentieth Century. Purest white.

COLLARETTE DAHLIAS

Maurice Rivoire. Rich crimson; white collar. 20 cts. each, $2.25 per doz.
President Viger. Reddish carmine; collar pure white.

SINGLE DAHLIAS

Lord Goff. Cream, tipped rose-pink. 20 cts. each, $2.25 per doz.
Lysander. Crimson, striped maroon.
Prosperity. Light center, tipped rose-purple. 20 cts. each, $2.25 per doz.
Thomas a Becket. Crimson-lake, yellow ring at center.

DECORATIVE DAHLIAS

Catherine Duer. A glowing shade of red.
Clifford W. Bruton. Bright yellow; large.
Delice. Rose-pink, suffused lavender. 25 cts. each, $2.75 per doz.
Grand Duke Alexis. Waxy white, edged lavender; large. 20 cts. each, $2.25 per doz.
Jack Rose. Rich, velvety crimson. 20 cts. each, $2.25 per doz.
Mme. Van den Dael. Silvery pink. 20 cts. each, $2.25 per doz.
Minos. Rich, velvety maroon; free. 20 cts. each, $2.25 per doz.
Oban. Mauve; large.
Reggie. Large; cherry-red. 20 cts. each, $2.25 per doz.
Souv. de Gustave Douzon. Gigantic orange-red; good.
Sylvia, or **Dolly.** White, heavily edged pink; free.
Wilhelm Miller. Brilliant purple; very large.

PEONY-FLOWERED DAHLIAS

Germania. Glowing crimson. 20 cts. each, $2.25 per doz.
La Riante. Beautiful lavender-pink. 25 cts. each, $2.50 per doz.
P. W. Jansen. Rosy salmon. 25 cts. each, $2.50 per doz.
Priscilla. Orange-scarlet. 20 cts. each, $2.25 per doz.
Queen Emma. Hollyhock-pink, inner petals banded with gold. 20 cts. each, $2.25 per doz.
Queen Wilhelmina. Best pure white. 25 cts. each, $2.50 per doz.

POMPON DAHLIAS

Amber Queen. Rich, clear amber.
Darkness. Dark maroon.
Fairy Queen. Sulphur, edged pink.
Prince Charming. Cream, tipped purple.
Snowclad. White; small; ideal.
Sunbeam. Crimson-scarlet.

GLADIOLI

Summer-flowering bulbs of the very easiest culture and with a wide range of color. Elegant for the garden or beautiful for cut-flower purposes. For the latter use they should be cut when the first flower opens, the balance of buds will develop when spikes are placed in water and thus greatly prolong the blooming term. Plantings may be made every two weeks to provide for a succession. We offer the leading mixtures and a selection of excellent named varieties.

Mailing weight, 20 ozs. per doz.

America. Elegant, soft lavender-pink; large flowers. 3 cts. each, 30 cts. per doz., $2 per 100.
Augusta. A very fine white; strong grower; large spikes. 4 cts. each, 40 cts. per doz., $3 per 100.
Blue Jay (Baron Hulot). The finest blue variety. Rich, deep indigo-blue; the only real blue Gladiolus yet offered. 4 cts. each, 40 cts. per doz., $3 per 100.
Brenchleyensis. The old standard scarlet. Large spike. 3 cts. each, 30 cts. per doz., $2 per 100.
Childsi. First quality. Mixed. 3 cts. each, 30 cts. per doz., $2.25 per 100.
Extra White and Light Shades. 4 cts. each, 35 cts. per doz., $2.50 per 100.
Gertrude. A fine, deep cherry-pink of good habit; strong and free. 4 cts. each, 40 cts. per doz., $3 per 100.
Hallie. Delicate salmon-rose; immense flower, with a creamy yellow blotch on the lower petals, forming a perfect and large spike. 4 cts. each, 40 cts. per doz., $3 per 100.
Hollandia. Rosy yellow, a sport from Brenchleyensis. 4 cts. each, 40 cts. per doz., $3 per 100.
Independence. Brilliant rose-pink, marked with white and maroon; straight, strong spikes. 4 cts. each, 35 cts. per doz., $2.50 per 100.
Jessie. Fine velvety red; long spikes of flowers. 4 cts. each, 40 cts. per doz., $3 per 100.
Klondike. An early garden Gladiolus of medium height; fine yellow bedder. 6 cts. each, 60 cts. per doz., $4 per 100.
Kunderi "Glory." The very large flowers have waved or ruffled petals of creamy pink with pencilings of crimson in the throat; foliage broad and deep green. 4c. each, 40c. per doz., $3 per 100.
Lemoine's Hybrids, Mixed. 3 cts. each, 30 cts. per doz., $2 per 100.
May. Lovely, pure white, flaked rosy crimson; good spike. 4 cts. each, 40 cts. per doz., $3 per 100.
Mrs. Francis King. A striking shade of light scarlet or flame-color. 4 cts. each, 35 cts. per doz., $2.50 per 100.
Niagara. Beautiful cream shade, with two lower inside petals or segments blending to canary-yellow; flowers 4½ inches across, on erect and stout spikes. 10 cts. each, $1 per doz., $7 per 100.
Panama. A seedling of America, but of an incomparable rose-pink; spikes very long, with large flowers. 10c. each, $1 per doz., $7 per 100.
Peace. Flowers large; beautiful white, with a pale lilac feathering on the inferior petals. 12 cts. each, $1.25 per doz., $10 per 100.
Pink Beauty. Carmine-rose, with deeper blotch on lower petals. 4 cts. each, 40 cts. per doz., $3 per 100.

GLADIOLI, continued

Princeps. Rich crimson, with broad, white blotches on lower petals. 5 cts. each, 50 cts. per doz., $3.50 per 100.
Rose Spray. White, beautifully sprayed rose; large and fine. 7 cts. each, 70 cts. per doz., $5 per 100.
Rochester White. Flower wide open, pure white, with a light shading of whitish green on the throat; produced on spikes 4 feet high. The best white. 30 cts. each, $3 per doz., $20 per 100.
Scribe. Beautiful, well-opened, rose-blazed, carmine-red flowers; enormous spikes. 8 cts. each, 90 cts. per doz., $6 per 100.
Sulphur King. The finest yellow Gladioli ever introduced. Produces a long spike of the clearest sulphur-yellow yet seen in Gladioli. 20 cts. each, $2 per doz., $15 per 100.
Taconic. Of striking appearance; pink, flecked and striped with same shades; lower petals marked deep crimson. 6 cts. each, 60 cts. per doz., $4 per 100.
Yellow and Orange Shades. 7 cts. each, 70 cts. per doz., $5 per 100.
Pan-American Mixture. The finest we have ever offered. 4 cts. each, 35 cts. per doz., $2.50 per 100, $22 per 1,000.
Standard Mixed. An excellent mixture with wide range of colors; very satisfying in effectiveness for bedding. 2 cts. each, 20 cts. per doz., $1.50 per 100, $12 per 1,000.

GLOXINIAS

12 bulbs weigh 8 ozs.

Fine for pot culture. Place in a 3-inch pot and shift to a larger one when required. Loves warmth and moisture, but the leaves should never be wet; blooms a long time. 8 cts. each, 80 cts. per doz., $6 per 100.

IRIS

Kaempferi (The Japanese Iris). Handsome, summer-flowering varieties, blooming from June to August. They prefer rich, moist soil, but will thrive in any fair soil. Ten choicest single-flowered varieties, clumps weigh 4 lbs. each, 25 cts. each, $2.40 per doz., $15 per 100. Set of ten, $2.
Germanica. Very handsome and thrives anywhere. Finest mixed, 10 cts. each, $1 per doz., $7 per 100. 12 bulbs weigh 10 ozs.

LILIES

	Each	Doz.
Auratum. 9 x 11 in. circumference. 4 ozs.	$0 20	$2 00
Album. 9 x 11 in. circumference. 4 ozs.	25	2 50
Melpomene. 9 x 11 in. circumference. 4 ozs.	20	2 00
Rubrum. 9 x 11 in. circumference. 4 ozs.	20	2 00
Magnificum. 9 x 11 in. circumference. 4 ozs.	20	2 00
Tigrinum fl. pl. First-size bulbs. 2 ozs.	07	65
Mammoth bulbs. 3 ozs.	15	1 50
Tigrinum splendens. First-size bulbs. 2 ozs.	08	75
Mammoth bulbs. 3 ozs.	15	1 50

CHOICE NAMED HERBACEOUS PEONIES

Roots weigh 16 ozs. each.

	Each	Doz.
Berlioz. Large, full-globular flowers; bright currant-red.	$0 35	$3 50
Festiva maxima. Pure white, with a few scarlet spots in the center; very large	30	3 00
La Rosiere. Pure white, yellow stamens; blooms in clusters	35	3 50
Lady Leonora Bramwell. Silvery rose; fragrant	30	3 00
L'Eclatante. Carmine; very beautiful	30	3 00
L'Indispensible. Delicate flesh-color with rose center.	30	3 00
Marie Stuart. A very fine pink flower; elegant shape.	30	3 00
Meissonier. Deep crimson, with reflexed petals	30	3 00
Mme. Calot. Flesh-white; large; rich bloomer	35	3 50
Mme. Deroux. Cup-shaped; pink-shaded flowers; late.	35	3 50
Mme. Thouvenin. Violet-pink	30	3 00
Mons. Bastian Lepage. Carmine-pink; large	35	3 50
Mr. Krelage. Wine-red; grand flowers	35	3 50
President Roosevelt. Fine dark red	30	3 00
Pulcherrima. White, shaded yellow and salmon-pink.	30	3 00
Souv. de l'Exposition. Very large; cherry-pink with silvery reflex	30	3 00

PAEONIA OFFICINALIS

The old-fashioned garden Peony. Blooms nearly two weeks earlier than other varieties.

	Each	Doz.
Double White	$0 20	$2 00
Double Scarlet	15	1 50
Double Pink	20	2 00

MISCELLANEOUS BULBS AND FLOWERING ROOTS

All bulbs are mailable at parcel-post rates. Varieties preceded by an asterisk (*) are mailed at catalogue prices; for others, add postage at the mailing weight given. For zone rates ask your postmaster

***ACHIMENES.** For conservatory or greenhouse. Mixed. 6 cts. each, 60 cts. per doz.

ACIDANTHERA bicolor. For greenhouse or open ground. Creamy white with broad maroon blotches. Weighs 4 ozs. 15 cts. each, $1.50 per doz.

AGAPANTHUS umbellatus (Blue African Lily). Weighs 4 ozs. 20 cts. each, $2 per doz.

***ALSTRŒMERIA** (Chilian Lily). Produces showy spikes of flowers, varying from rosy white to deep orange. 15 cts. each, $1.50 per doz.

AMARYLLIS Belladonna major. Flowers large, white, delicately shaded pink. Weighs 6 ozs. 15 cts. each, $1.60 per doz.

Formosissima. Very large, brilliant crimson flowers. Weighs 8 ozs. 15 cts. each, $1.60 per doz.

Johnsoni (Spice Lily). Dark crimson flowers, white stripe down the center of each petal. Weighs 8 ozs. 30 cts. each, $3 per doz.

Vittata Hybrids. Very fine; exceeding in size and form of flowers all others, as well as in diversity of colors and markings. Weighs 4 ozs. 35 cts. each, $3.50 per doz.

***ANEMONE.** Wonderfully varied in color and very fine for cutting.

Coronaria, Double. Blue, Red, Rose, and Mixed. 3 cts. each, 25 cts. per doz.

Coronaria, Single. Blue, Scarlet, White and Mixed. 2 cts. each, 20 cts. per doz.

***ANTHOLYZA.** Beautiful gladioli-like flowers. Mixed colors. 5 cts. each, 50 cts. per doz.

***APIOS tuberosa.** Hardy climbers; flowers resembling wistaria. 5 cts. each, 50 cts. per doz.

ARUM cornutum (Monarch of the East; Red Calla). Flowers red, spotted black; palm-like foliage. Weighs 4 ozs. 15 cts. each, $1.50 per doz.

***BESSERA elegans** (Coral-Drop). Coral-red, with white cup. Blooms all summer. 2 cts. each, 20 cts. per doz., $1.25 per 100.

***BRAVOA geminiflora.** Produces beautiful spikes of rich coral-red flowers. 10 cts. each, 85 cts. per doz.

***CHLIDANTHUS fragrans.** Pretty, bright yellow, star-shaped, tubular flowers in upright clusters. 10 cts. each, $1 per doz.

CRINUM Powellii. Produces large, bell-shaped, dark rose flowers on long stems. Weighs 1 lb. 30 cts. each.

Alba. Pure white; similar to above in other respects. Weighs 1 lb. 30 cts. each.

***COOPERIA Drummondii** (Evening Star). Pure white; blooms all summer. 2 cts. each, 20 cts. per doz., $1.25 per 100.

CALLA Elliottiana. Very rich, pure yellow; leaves spotted with white. Weighs 2 ozs. 25 cts. each, $2.50 per doz.

Godfrey. Dwarf and compact; flowers pure white. Weighs 2 ozs. 25 cts. each, $2.50 per doz.

Spotted Leaf. Foliage beautifully spotted white. Weighs 2 ozs. 10 cts. each, $1 per doz.

***CINNAMON VINE.** Hardy, rapid-growing climber. 5 cts. each, 50 cts. per doz.

HYACINTHUS candicans. Tall spikes of pure white, bell-shaped flowers. Weighs 2 ozs. 5 cts. each, 50 cts. per doz.

INCARVILLEA Delavayi (Hardy Gloxinia). Hardy with protection; rose-colored, gloxinia-like flowers produced in clusters. Weighs 8 ozs. 15 cts. each, 50 cts. for 4, $1.25 per doz.

Grandiflora. Beautiful carmine-pink. Weighs 8 ozs. 15 cts. each, 50 cts. for 4, $1.25 per doz.

***MONTBRETIA.** They flower during July and August and are very nice for cutting, lasting well and being effective.

***Bouquet Parfait.** Vermilion and yellow. 3 cts. each, 25 cts. per doz., $1.75 per 100.

***Crocosmæflora.** Branched spikes of large, showy, brilliant red flowers, shaded yellow. Very free-flowering. 2 cts. each, 20 cts. per doz., $1.50 per 100.

***Etoile de Feu.** A large, brilliant flower, intense vermilion, shaded orange. 3 cts. each, 25 cts. per doz., $1.75 per 100.

***MILLA biflora** (Frostwork). Fragrant, white, wax-like flowers. 2 cts. each, 20 cts. per doz., $1.25 per 100.

MADEIRA VINE. A favorite rapid-growing climber. Weighs 6 ozs. to the doz. 3 cts. each, 25 cts. per doz.

***OXALIS.** Summer-blooming variety. 2 cts. each, 20 cts. per doz., $1.25 per 100.

***TIGRIDIA.** Brilliant, shell-like flowers of great beauty. 5 cts. each, 40 cts. per doz.

TUBEROSE, Excelsior Pearl. Dwarf and compact; large, well-cured bulbs. Weighs 10 ozs. to the doz. 10 cts. for 3, 30 cts. per doz., $2 per 100.

***WATSONIA Ardernei.** Produces spikes of beautiful pure white flowers. Fine for forcing and outdoors. 5 cts. each, 50 cts. per doz.

ZEPHYRANTHES. Effective for planting out in masses, and often grown in pots for home adornment.

***Atamasco.** White, suffused flesh-color; hardy. 20 cts. each, 50 cts. for 3.

***Candida.** Fall blooming. Large, pure white flowers. 5 cts. each, 50 cts. per doz.

Hedge of California Privet

HEDGE PLANTS

California Privet. Used extensively for hedges. Of free growth and thrives under the most adverse conditions. Plant 10 to 15 inches apart in double rows, alternating the plants. Set the plants below the union of branches with the main stem.

	100	1,000
12 to 18 in. high	$3 50	$30 00
18 to 24 in. high	4 50	40 00
24 to 36 in. high	5 50	50 00

Berberis Thunbergii. Of low, dense growth and spreading habit, growing extremely dense right from the base. Requires but little pruning. Leaves bright green. The branches in the fall are covered with bright red berries. Plant 8 to 12 in. apart in single rows.

	100
12 to 18 in. high	$10 00
18 to 24 in. high	15 00
24 to 30 in. high	20 00

Evergreen Lawn Grass Seed. If you desire a perfect lawn, use our Evergreen Lawn Seed. For SHADY PLACES sow our Shady Nook Lawn Seed. Both kinds, if sown early in the spring, will produce a good lawn by midsummer. See inside back cover for seed, and for directions how to make a lawn.

HIGHEST-GRADE GRASS SEEDS

Prices of Grass Seed fluctuate; rates here given are those ruling at this date. For Grass Seed wanted by mail, add postage at your parcel-post zone rate. Write for special prices on large quantities

We sell only the highest grade of Grass Seed produced; of most other Grass Seeds here offered there are various grades on the market —as many as five grades of some varieties. The weight of the best grades of Grass Seed is in some cases double the weight of lower grades of seed, consequently there is a corresponding difference in value and cost. We shall be pleased to submit samples.

Awnless Brome Grass (*Bromus inermis*). Suitable for dry and sandy soils where other grasses do not thrive. Lb. 25 cts., 10 lbs. $2, 100 lbs. $18.

Creeping Bent (*Agrostis stolonifera*). Succeeds well in moist situations. Bus. 15 lbs. Lb. 45 cts., 10 lbs. $3.70, 100 lbs. $35.

Crested Dog's-Tail (*Cynosurus cristatus*). Valuable for pasture on hard, dry soils. Bus. 21 lbs. Lb. 35 cts., 10 lbs. $2.70, 100 lbs. $25.

Fine-leaved Fescue (*Festuca ovina tenuifolia*). Flourishes well on dry and sterile soils; well suited for lawns. Bus. 14 lbs. Lb. 50 cts., 10 lbs. $4.20, 100 lbs. $40.

Hard Fescue (*Festuca duriuscula*). Thrives well in dry situations where many other Grasses will not grow. Bus. 14 lbs. Lb. 35 cts., 10 lbs. $2.40, 100 lbs. $22.

Italian Rye (*Lolium Italicum*). Thrives in any soil, and yields abundant crops. Bus. 22 lbs. Lb. 20 cts., 10 lbs. $1.20, 100 lbs. $10.

Perennial Rye (*Lolium perenne*). Affords pasture very early in the spring. Sow early in the spring at the rate of 1 to 1½ bushels to the acre. Bus. 22 lbs. Lb. 20 cts., 10 lbs. $1.10, 100 lbs. $9.

Kentucky Blue (*Poa pratensis*). Sow in fall or spring at the rate of two to three bushels per acre. Our seed is free from chaff and may be sown almost as easily as timothy. Fancy quality. Lb. 20 cts., bus. of 14 lbs. $2.10, 100 lbs. $13.

Lawn Grass, Beckert's Evergreen. See third page of cover. Bus. of 24 lbs. $4.50; bus. of 14 lbs. $2.65.

Meadow Fescue (*Festuca pratensis*). Valuable for mixtures for permanent pastures. Bus. 22 lbs. Lb. 25c., 10 lbs. $1.90, 100 lbs. $18.

Meadow Foxtail (*Alopecurus pratensis*). Desirable for permanent pastures on moist soil; early and rapid in growth. Bus. 7 lbs. Lb. 45 cts., 10 lbs. $3.70, 100 lbs. $35.

Orchard (*Dactylus glomerata*). Rapid in growth and yields a large aftermath; earlier than other Grasses. Choicest grade. Lb. 30 cts., bus. of 14 lbs. $2.65, 100 lbs. $18.

Sweet Vernal (*Anthroxanthum odoratum*). Mixed with other grasses, it is valuable for pasture on acount of its earliness; pleasant in fragrance. Lb. 60 cts., 10 lbs. $5.50.

Red-Top (*Agrostis vulgaris*). Very scarce. Very suitable for pasture on low ground. **Choice,** Lb. 25 cts., bus. of 14 lbs. $2.40, 100 lbs. $15. **Fancy,** Lb. 40 cts., bus. of 32 lbs. $10, 100 lbs. $30.

Red or **Creeping Fescue** (*Festuca rubra*). Very suitable for sandy or dry, impoverished soil, gravelly banks or bleak hillsides; withstands extreme drought. Bus. 14 lbs. Lb. 35 cts., 10 lbs. $2.40, 100 lbs. $22.

Rhode Island Bent (*Agrostis canina*). A very fine variety for lawn or pasture. Bus. 14 lbs. Lb. 45 cts., 10 lbs. $3.70, 100 lbs. $35.

Rough-stalked Meadow (*Poa trivialis*). Valuable both for moist and dry soils. Bus. 14 lbs. Lb. 45c., 10 lbs. $3.60, 100 lbs. $34.

Sheep's Fescue (*Festuca ovina*). Short, very thick; excellent for sheep pasture. Bus. 12 lbs. Lb. 30 cts., 10 lbs. $2.20, 100 lbs. $20.

Tall Meadow Fescue (*Festuca elatior*). Early; suitable for pasture on wet land. Bus. 14 lbs. Lb. 35 cts., 10 lbs. $2.70, 100 lbs. $25.

Tall Meadow Oat (*Avena elatior*). Rapid and luxuriant in growth; valuable for soiling. Bus. 15 lbs. Lb. 35c., 10 lbs. $2.40, 100 lbs. $22.

Various-leaved Fescue. Thrives in cold, moist soils and in shaded places. Bus. 15 lbs. Lb. 35 cts., 10 lbs. $2.80, 100 lbs. $26.

Timothy (*Phleum pratense*). Leading grass for hay. 45 lbs. to bushel. Best grades only. Market price.

Wavy Mountain Hair Grass (*Aira flexuosa*). Suitable for sheep-pasture on rocky hills. Lb. 25 cts., 10 lbs. $1.80, 100 lbs. $14.

Wood Meadow (*Poa nemoralis*). Very suitable for sowing under trees. Catches quickly and well. Bus. 14 lbs. Lb. 45 cts., 10 lbs. $3.70, 100 lbs. $35.

Yellow Oat Grass (*Avena flavescens*). Adapted for sowing in mixture with other grasses for dry meadows and pastures. Lb. 90 cts.

SPECIAL GRASS SEED MIXTURES

FOR PERMANENT HAY CROPS AND PASTURES

These mixtures are a combination of the most suitable grasses and clovers, the proportionate quantities of each being determined by the nature of the soil where they are to be sown, the situation and the purpose intended for. A blend of the most suitable grasses and clovers both for hay and pasture produces larger and most satisfactory crops than when only one or two varieties are sown, and will continue producing good crops for years.

PERMANENT MIXTURES FOR HAY

For Medium Land. 2 bus. to the acre. Bus. of 21 lbs. $3.75.
For Dry Land. 2 bus. to the acre. Bus. of 20 lbs. $4.25.
For Heavy, Wet Land. 2 bus. to the acre. Bus. of 21 lbs. $3.75.

PERMANENT MIXTURES FOR PASTURE

For Medium Land. 2 bus. to the acre. Bus. of 21 lbs. $4.25.
For Dry Land. 2 bus. to the acre. Bus. of 20 lbs. $4.50.
For Heavy, Wet Land. 2 bus. to the acre. Bus. of 21 lbs. $4.25.

These mixtures can be sown either in spring or fall.

CLOVER SEED (Highest Grades Only)

Alsike (*Trifolium hybridum*). Fine for pasturage or for ensilage. Lb. 30 cts., bushel of 60 lbs. market price.

Alfalfa (*Medicago sativa*). Will bear cutting three or four times during the season. Best clover for bringing up poor land. Lb. 35 cts., bushel of 60 lbs. market price.

Bokhara (*Melilotus alba*). Very valuable for soiling. Grows to a height of 3½ to 5 feet. Grown on rich soil, it can be cut as much as three times a season. Good for ensilage and bees. Will last two years if cut before it blooms. Lb. 25 cts., 25 to 100 lbs. market price.

Crimson (*Trifolium incarnatum*). Very productive; greedily eaten by cattle. Lb. 25 cts., bushel of 60 lbs. market price.

Kidney Vetch. Suitable for dry and poor soils where red clover will not thrive. Very hardy and deep rooted. Relished by all stock. Lb. 40 cts., 25 to 100 lbs. market price.

Mammoth Red (*Trifolium pratense perenne*). Best grade. Bushel of 60 lbs. market price.

Red Clover (*Trifolium pratense*). Best grade. Best grown. Bushel of 60 lbs. market price.

White Dutch (*Trifolium repens*). Very scarce. The best variety for lawns, as it forms a close herbage and remains green throughout the season. **Fancy Grade,** Lb. 50 cts., 10 lbs. $4.30, 100 lbs. $40.

LAWN SEED AND FERTILIZER COMBINED

To those who would prefer to sow their lawn seed in combination with the necessary fertilizer, we offer the following:

Beckert's Evergreen Lawn Seed and Fertilizer Combined. 10 lbs. $2.50, 100 lbs. $22.

Shady Nook Lawn Seed and Fertilizer Combined. 10 lbs. $3.50, 100 lbs. $32.

For Inoculating Clover and Legumes, see Farmogerm, page 57.

USEFUL BOOKS

GENERAL
Gardening for Profit. By Peter Henderson $1 50
Gardening for Pleasure. By Peter Henderson 1 50
Market-Gardening and Farm Notes 1 00
Farm Crops. By Charles Wm. Burkett 1 50

FARM SCIENCE
The Management and Feeding of Cattle. By Prof. Thomas Shaw 2 00
The Physical Properties of Soil. By A. G. McCall 50
First Principles of Soil Fertility. By Alfred Vivian 1 00
Feeding Farm Animals. By Prof. Thomas Shaw 2 00
Fertilizers and Crops. By Dr. Lucius L. Van Slyke 2 50
Soiling Crops and the Silo. By Prof. Thomas Shaw 1 50

CATTLE AND DAIRYING
Profitable Dairying. By C. L. Peck $0 75
American Cattle Doctor. By Geo. H. Dadd, V. S. 2 00
The Dairyman's Manual. By Henry Stewart 1 50
Questions and Answers on Butter-Making. By Chas. A. Publow 50
Profitable Stock-Raising. By Clarence A. Shamel 1 50

IRRIGATION AND DRAINAGE
Farm Drainage. By Judge French 1 00

SHEEP AND SWINE
Stewart's Shepherd's Manual. By Henry Stewart 1 00
Coburn's Swine Husbandry. By F. D. Coburn 1 50

INSECTICIDES AND FUNGICIDES

PARCEL POST. An asterisk (*) preceding certain items indicates that such articles can be sent by parcel post at purchaser's expense. Fluids and poisons are not mailable. See schedule of parcel post rates on page 4.

***Ant Exterminator.** For red and black ants. This powder does not scatter the pests, but exterminates them. ¼lb. 20 cts., ½lb. 40 cts., lb. 75 cts.

Antipest. Carman's. Very effective for the destruction of scale, red spider, mealy bug, green thrip, ants, wire-worm, slugs, etc. Qt. 50 cts., ½gal. 75 cts., gal. $1.40, 5 gals. $5.75.

Aphine. For destroying aphis, green fly, thrip, red spider and other insects in the greenhouse and outdoors. Dilute one part to forty parts of water. ¼pt. 25 cts., ½pt. 40 cts., pt. 65 cts., qt. $1, gal. $2.50.

***Aphis Punk.** A convenient preparation of nicotine for fumigating. Can of 12 sheets, 10 oz., 60 cts.; case of 144 sheets, 7¾ lbs., $6.50.

Arsenate of Lead, Target Brand. Very effective for combating the codling moth and all other leaf-eating insects. Kills the bugs, protects the crops, improves the quality and quantity of fruit and vegetables, and is very economical to use. One pound should be used to twenty-five gallons of water. Put up in sealed packages. Lb. 25 cts., 5 lbs. 85 cts., 12½ lbs. $1.90, 25 lbs. $3.25, 50 lbs. $6.25.

Arsenate of Lead, Powdered. Goes twice as far as the preceding. Dilute one pound to fifty gallons of water. Instantly soluble and remains in suspension longer. Lb. 40 cts., 5 lbs. $1.50, 10 lbs. $2.80, 25 lbs. $6.25, 50 lbs. $12.

Bordeaux, Dry, Target Brand. A most convenient form in which to use this standard fungicide. Saves the bother of slaking lime and dissolving chemicals. One pound to five gallons of liquid. Full directions on package. Lb. 20 cts., 5 lbs. 90 cts., 10 lbs. $1.70.

Bordeaux Paste, Target Brand. It is ready for use at any time by simply adding water at a dilution of six to eight pounds to fifty gallons of water. A most convenient form in which to use this preparation. Lb. 20 cts., 5 lbs. 65 cts., 10 lbs. $1.10.

Bordo-Lead. We guarantee this to be absolutely identical in all respects with Pyrox, being the same preparation of bordeaux and arsenate of lead. Lb. 25 cts., 5 lbs. 90 cts., 10 lbs. $1.60, 25 lbs. $3.75, 50 lbs. $7, 100 lbs. $12.50.

Borowax. For painting trees to keep away borers. Qt. 35 cts., ½gal. 60 cts., gal. $1.

***Bug Death.** A fungicide, insecticide and plant-food combined. Non-poisonous and very effective for cabbage and tomato worms, potato and cucumber bugs. Apply with duster in powder-gun. Lb. 15 cts., 3-lb. pkg. 35 cts., 5-lb. pkg. 50 cts., 12½-lb. pkg. $1, 100-lb. pkg. $7.50. **Bug Death Duster,** for applying, 25 cts.

B. T. S., Orchard Brand. A dry substitute for lime-sulphur solution, equal to lime-sulphur solution both as an insecticide and as a fungicide; in fact, it is practically the same thing. For dormant spraying to control scale, etc., dilute sixteen pounds of B. T. S. to fifty gallons of water. For growing-period spraying, three to four pounds to fifty gallons of water. Descriptive circular on application. 3-lb. pkg. 50 cts., 16 lbs. $1.75, 32 lbs. $3.20, 50 lbs. $4.25, 75 lbs. $6, 150 lbs. $11.50, 300 lbs. $19.50.

Carbolinol. Is a bug-exterminator and fly-repellant. Sprayed on chicken-houses or poultry, it will entirely eradicate lice and other vermin. Diluted with kerosene and sprayed on cattle and horses it will successfully repel flies. Qt. 50 cts., gal. $1.50.

Cattle-Comfort, Hammond's. For insects on domestic animals. Will relieve cattle, horses and dogs from effects of flies, gnats and mosquitos. Qt. 35 cts., gal. $1.10, 5 gals. $5.

***Climax Lawn Sand.** For weedy lawns. Will adhere to the rough, hairy leaves of dandelion, plantain, etc., and, by absorbing therefrom all the sap, destroy them beyond recovery. Also acts as a fertilizer for the lawn. Lb. 15 cts., 7 lbs. 75 cts., 14 lbs. $1.25, 28 lbs. $2, 56 lbs. $3.50, 112 lbs. $6, 560 lbs. $25.

Copper Solution. For mildew, blight and rust on fruits, flowers and vegetables. Dilute 100 times with water, and spray. Qt. 60 cts., gal. $1.75.

***Cutworm Food.** Effectual for cutworms on melons, cucumbers tomatoes, beans, eggplant, cabbages, cauliflower and squash. It does not injure or affect growing plants in any way, and if applied as directed on package, it will destroy the cutworm. Lb. 25 cts.

***Fir-Tree-Oil Soap.** Fir-tree oil prepared in soap form. ½lb. 25 cts., lb. 40 cts., 2 lbs. 75 cts., 5 lbs. $1.75.

Fly Spray, Target Brand. For keeping all kinds of flies, mosquitos and other insects from annoying your stock. Non-poisonous. Qt. 25 cts., gal. 75 cts., 5 gals. $3.50.

Fungine. An infallible remedy for destroying mildew, rust, bench-rot and other fungi. Does not stain the foliage. ½pt. 35 cts., pt. 50 cts., qt. 75 cts., gal. $2.

***Getz-There Soap.** An infallible remedy for plant lice, scale insects, mealy bug, red spider, black and white fly, black and green aphis and other pests in the greenhouse, and also for many pests that infest the garden and orchard. Gallon can, 8 lbs., $1.

***Grape Dust.** For mildew, mold and rust. Lb. 10 cts., 5 lbs. 40c., 10 lbs. 75 cts., 25 lbs. $1.75, 100 lbs. $6.

***Hellebore, Best Grade, Powdered, White.** For rose-slugs, currant worms, etc. Lb. 25 cts., 5 lbs. $1.15.

Horicum. A lime, sulphur and salt mixture, entirely free from grit. Dilute with 25 parts of water. Full directions with each can. Specially recommended for San Jose scale. Gal. $1, 5 gals. $4.75.

***Kerosene Emulsion.** Paste Form. Lb. 20 cts., 5 lbs. 75 cts., 25 lbs. $3.

Kerosene Emulsion Paste, Target Brand. For scale, plant lice and aphis. For tender plants, one part to twenty-five parts of water. For trees, shrubbery, vines, etc. one part to ten parts of water. Lb. 30 cts., 5 lbs. 90 cts., 25 lbs. $3.60.

Kil-Worm. Destroys worms, ants, etc., infecting golf- and cricket-grounds and lawns. Sure death to snails. Does not injure the ground, but must not come in contact with tender plants. One gallon to fifty gallons of water. Qt. 65 cts., ½gal. $1.25, gal. $2.

Lime-Sulphur Solution, Orchard Brand. Can be used as an insecticide or fungicide. For the former dilute one part of the solution to nine parts of water and use as a spray for San Jose and all other scale insects. To use as a fungicide, dilute one part of Lime-Sulphur to thirty-five to one hundred parts of water, depending on the hardiness of the plant or tree. It is a clear, cherry-colored combination of Lime and Sulphur in liquid form. It is as strong a solution as can be made, and tests 33 degrees Baume. This material is practically free from sediment, and contains no hard, granular particles to clog the spray nozzle. When used against scale, spray when the tree is dormant, in the early spring or late fall. Put up in tin packages and oak barrels. Gal. 65 cts., 5 gals. $2, ½bbl. (25 to 27 gals.) at 21 cts. per gal., 50 gals. $8.75.

Lemon Oil. Destroys mealy bug, brown and white scale, thrip, red spider, caterpillars, black and green flies, mites, ants, fleas and insects on animals, and insects that infest poultry-houses, barns, etc. ½pt. 25 cts., pt. 40 cts., qt. 75 cts., ½gal. $1.25, gal. $2, 5 gals. $9.

***Nico-Fume.** For fumigating. Strips of paper strongly saturated with nicotine. Very convenient and effective. Cans, 24 sheets, 14 ozs., $1, 144 sheets, 2¾ lbs., $4.50.

Nico-Fume Liquid. For spraying and vaporizing. 1 lb., about 1 pt., $2; 4 lbs., about ½gal., $7; 8 lbs., about 1 gal., $13.50.

Nicoticide. Fumigating compound. ¼pt. 70 cts., ½pt. $1.25, pt. $2.50, qt. $4.50, ½gal. $8.25, gal. $15. **Vaporizing apparatus,** 55 cts.

Nikoteen. One pint contains as much nicotine as 200 pounds of tobacco-stems. 1 lb., about 1 pt., $1.50; 5 lbs. $7.

Nikotiana. For spraying and fumigating. Contains 12 per cent free nicotine. Used as the other nicotine preparations. Qt. $1.25, gal. $4.

Paris Green. Particularly effective in eradicating the potato bug. Put up in air-tight cartons. Lb. 35 cts., 2 lbs. 65 cts., 5 lbs. $1.50.

***Persian Insect Powder.** Non-poisonous. A superior grade. Kills all kinds of insects on plants in the garden and in the house. ¼lb. 15 cts., lb. 45 cts., 5 lbs. $2.

Potato Scab Destroyer. To control the scab, treat the potato before planting. Pt. 50 cts.

Pyrox. A bordeaux and arsenate of lead preparation. Excellent for leaf-biting insects and prevents blight. One pound to five gallons of water. Lb. 25 cts., 5 lbs. $1, 10 lbs. $1.75, 25 lbs. $4, 50 lbs. $7.50, 100 lbs. $13.50.

Rat Corn. A thoroughly tried and proved destroyer of rats and mice. Cans 15 cts., 25 cts., 50 cts. and $1.

Rose Bug Exterminator, Reade's. A positive killer of all insect life on flowers, shrubbery and vines, and which is absolutely harmless to the most delicate plants or flowers. Also cleanses and beautifies the foliage. ½pt. 35 cts., pt. 80 cts., qt. $1.25, gal. $4.50.

Scale Destroyer, Target Brand. Effective for leaf-roller, pear psylla, San Jose, Maisel, brown, red and cotton-maple scale and soft-bodied sucking insects. One gallon to twenty gallons of water. Qt. 40 cts., gal. $1.

Seedoline. A liquid dressing which prevents birds from picking off the seed. Prevents fungus, smut, red rust and vermin. Pt. 50 cts., qt. 85 cts., ½gal. $1.45, gal. $2.80, 2 gals. $5.50, 5 gals. $13.

Simplex. An effective remedy for potato bugs, cabbage worms, tobacco worms, etc., and curculio. Does not burn the plant, as paris green. Is cheaper, as it goes farther. Also acts as a fertilizer. 1-lb. can 25 cts., 2½-lb. can 60 cts., 5-lb. can $1.

***Slug-Shot.** This non-poisonous powder requires no further mixing or preparing. It is very effectual in destroying potato and other bugs, beetles, green and black fly, slugs, worms, caterpillars, etc. Use with powder-gun or bellows. 1-lb. carton 15 cts., 5 lbs. 35 cts., 10 lbs. 65 cts., 25 lbs. $1.50.

INSECTICIDES AND FUNGICIDES, continued

***Sulphur.** For mildew on plants, etc. Lb. 10 cts., 5 lbs. 25 cts., 10 lbs. 45 cts., 25 lbs. 75 cts., 100 lbs. $2.90.

Thrip Juice. For mealy bug, scale, thrip, codling moth, canker worm, beetles, caterpillar, etc. Dilute 40 to 100 times. Pt. 40 cts., qt. 75 cts., ½gal. $1.40, gal. $2.50.

***Tobacco, Sulpho-, Soap.** Kills all insect life in the window-garden or conservatory. Unsurpassed for roses; also valuable exterminator of moths, cockroaches and carpet bugs. A superior wash for dogs and other animals. Relieves horses and cows from the torment of flies, prevents poultry lice. 3-oz. package 10 cts., 8 ozs. 20 cts., lb. 35 cts., 5 lbs. $1.50.

***Tobacco Soap, Pinner's.** A very potent specific for insects, parasites and their eggs. May be used either for plants or animals. ½lb. 20 cts., lb. 35 cts., 5 lbs. $1.50.

Tobacco Stems. For fumigating. Fresh baled. Bale of about 300 lbs. $2.50.

***Tobacco Dust, Fine.** The most effective and cheapest remedy for the flea on cabbage, radish etc. Lb. 10 cts., 5 lbs. 35 cts., 10 lbs. 60 cts., 50 lbs. $2.25, 100 lbs. $4.25.

***Tobacco Dust, Coarse.** Coarse grade, for fumigating. 5 lbs. 35 cts., 10 lbs. 60 cts., 50 lbs. $2.75, 100 lbs. $5.

***Tree Tangle-Foot.** Protects trees from canker worms, cutworms, ants, tussock moths and all climbing insects. It will not injure trees and when applied remains sticky for three months. Apply it thoroughly around the trunk of the tree just below the lower limbs in a band of 6 to 8 inches in width. Most effective if applied early in March. Lb. can 30 cts., 3 lbs. 85 cts., 10 lbs. $2.65, 20 lbs. $4.80.

***Tuber Tonic.** A three-in-one spray, for potatoes chiefly. Will kill quickly and surely all leaf-eating insects. Prevents fungous infections, and acts as an indirect tonic to the vegetation. Ready for use by simply mixing three to five pounds with fifty gallons of water. Lb. 35 cts., 5 lbs. $1.50, 25 lbs. $5.

Vermine. A germicide and soil sterilizer. Will destroy white grub, eel-, wire- and cutworms, slugs, root lice and maggots. Will also destroy ants. ¼pt. 25 cts., ½pt. 40 cts., pt. 65 cts., qt. $1, gal. $3.

***Whale-Oil Soap,** or **Fish-Oil Soap.** For destroying and preventing insects on plants, trees, vines, etc. Very easily applied and very effective. Lb. 20 cts., 5-lb. can 50 cts.

***Whale-Oil Soap, Caustic.** Very effective as a tree spray and as a summer remedy for San Jose scale. Comes in semi-liquid form and is easily dissolved. One pound to ten gallons of water. Lb. can 20 cts., 5-lb. can 75 cts.

Weed-Killer, Target Brand. Dilute one gallon with fifty gallons of water. Qt. 40 cts., 2 qts. 65 cts., gal. $1, 5 gals. $4.50, 10 gals. $8.50, 25 gals. $18.75, bbl. of 50 gals. $35.

***Worm Eradicator, Carter's.** Very efficacious in destroying the worms that infest lawns. When applied, the worm comes to the surface and dies. Non-poisonous. Use one-half pound to the square yard. Lb. 15 cts., 5 lbs. 60 cts., 10 lbs. 90 cts., 25 lbs. $1.75, 50 lbs. $3, 100 lbs. $5. For larger quantities, write for prices.

Worm Eradicator, Reade's Electric. For removing worms from greenhouses, lawns, flower-pots, vases, etc., without damage to the plants. Bottles 50 cts. and $1, gal. $4, 2 gals. $7.75.

Wilson's Plant Oil. An insecticide for use on palms and other house plants. Dilute one quart with four quarts of lukewarm water. Pt. 40 cts., qt. 75 cts., gal. $2.

X-L-All. A famous English liquid preparation. Kills mealy bug, red spider and all insect pests. Pt. 75 cts., qt. $1.25, ½gal. $2, gal. $3.75.

***X-L-All Nicotine Fumigating Shreds.** As efficacious as the X-L-All Compound. They can be burnt on the floor of the greenhouse, or in any iron or tin vessel. Have been carefully tested in greenhouse, with all kinds of tender plants, without doing any damage. Pkt., to fumigate 1,000 cubic feet, 4 ozs., 25 cts.; for 10,000 cubic feet, 21 ozs., $1.

FERTILIZERS.

Prices variable. Fertilizers sold for spot cash only

Acid Phosphate. 500 lbs. $5.50, 1,000 lbs. $10, ton $19.

Alphano-Humus. Soil renovator. Very effective for greenhouse, lawn, vegetable- and flower-garden work. Rich in ammonia, phosphoric acid, potash and lime, and contains 75 to 80 per cent of humus. For the lawn, apply as a top dressing of ½ to 1 inch. For the garden, ½ to 2 inches and dig in with the soil. For pot-plants, use one-third humus to two-thirds soil. 100 lbs. $1.15, 500 lbs. $5.25, 1,000 lbs. $9.20, ton $18. For car-lots direct from factory, ask for price.

Ashes, Hardwood, Canadian. See inside of back cover.

***Bon Arbor.** Contains more soluble plant-food than any other fertilizer and its merits have been widely tested and proved by numerous expert gardeners. ½lb. 20 cts., lb. can 35 cts., 5-lb. can $1.50, 25 lbs. $6.25, 50 lbs. $12.

***Bone, Button.** For preparing soil for roses, grape-vines, trees, small fruits, etc. 10 lbs. 50 cts., 100 lbs. $3.25, 200 lbs. $6.

***Bone Flour, Pure Raw.** Ground as fine as dust; acts quickly, and is fine for florists' use. 5 lbs. 25 cts., 10 lbs. 45 cts., 25 lbs. 90 cts., 50 lbs. $1.70, 100 lbs. $3.20.

Bone, Ground, Crescent Butcher's. 500 lbs. $8, 1,000 lbs. $14, ton. $27.

***Bone Meal, Pure Raw, No. 1.** Highest grade; contains nothing but pure raw animal bone; vastly superior to steamed bone. 5 lbs. 25 cts., 10 lbs. 40 cts., 25 lbs. 75 cts., 50 lbs. $1.25, 100 lbs. $2.10, 200 lbs. $3.90, 500 lbs. $9, 1,000 lbs. $17.50, ton $34.

Bone Meal, Pure, No. 2. Darker in color than the preceding, richer in ammonia and almost as rich in phosphoric acid. Guaranteed slaughter-house bone. 500 lbs. $8, 1,000 lbs. $15, ton $29.

***Bowker's Plant-Food.** For pot-plants. Pkg. 15 cts.

***Clay's Fertilizer.** For all horticultural purposes. Very effective if used with potting soil or in soil of benches, planted with flowering plants, or for the cultivation of flowers, fruits and vegetables, for exhibition purposes where the best possible results are desired. Lb. can. 15 cts., 7-lb. bag 70 cts., 14-lb. bag $1.15, 28-lb. bag $2, 56-lb. bag $3.50, 112-lb. bag $6.50.

Cocoa Fiber. Stimulates a strong, fibrous growth. Pk. 30 cts., bus. $1.

Farnes' Fertilizer. Imported. Swift, safe and sure. The most scientific plant-food extant. 112-lb. bag $6.50.

***Farmogerm.** High-bred nitrogen-fixing bacteria; makes poor soil good to raise the biggest and best crops of peas, beans, sweet peas, clovers and other legumes. Farmogerm will do it, and add nitrate to the soil to benefit future crops of the same kind. Write for booklet. **Garden Size,** per bottle, postpaid, 50 cts.; **Acre Size,** per bottle postpaid, $2; **Five-acre Size,** per bottle, by express, $9. **In ordering** state what crop you wish to grow.

***Horn Shavings.** A fertilizer specially adapted for roses, chrysanthemums, etc. Fine grade, lb. 10 cts., 25 lbs. $1.50, 50 lbs. $2.75, 100 lbs. $5.

Kainit. 500 lbs. $5, 1,000 lbs. $9.50, ton $18.

Leaf-Mold. For mixing with potting soil. Sack $2.

Moss, Live Sphagnum. For orchids. Bbl. $3.50.

Muriate of Potash. Market price.

Nitrate of Soda. 100- and 200-pound sacks and up. Write for prices.

Lawn and Garden Fertilizer. See inside of back cover.

Orchid-Peat, Epps, English. Sack, $2.50.

Orchid-Peat, Fibrous. For orchids. Sack $2.

Peat, Jersey. For mixing with potting soil. Sack $2.

Phosphate, Keystone. 100 lbs. $1.60, 200 lbs. $3, 500 lbs. $7, 1,000 lbs. $13, ton $25.

Potato Fertilizer. 100 lbs. $1.80, 200 lbs. $3.50, 500 lbs. $8.50, 1,000 lbs. $16.50, ton $32.

Potato and Corn Fertilizer. 100 lbs. $2, 500 lbs. $9, 1,000 lbs. $17.50, ton $34.

Scotch Soft-Coal Soot. Stimulates luxuriance of growth and gives darkness and brilliancy to foliage and flowers. 100 lbs. $5.

***Special Chrysanthemum Manure, Thompson's.** This vine, vegetable and plant manure is adapted for mixing with the soil when potting chrysanthemums and other plants. This special manure is meant to be used as an additional stimulant during the growing season. A heaped dessert-spoonful is sufficient for a plant in 10-in. pot. Sprinkle on surface of soil then water with tepid water. Apply three times during growing season. 7-lb. bag $1.35, 14-lb. bag $2.50, 28-lb. bag $4.50, 56-lb. bag $7.50.

Sheep Manure. See inside of back cover.

Shredded Cattle Manure. 100 lbs. $2, 500 lbs. $8, ton $30.

Sulphate of Ammonia. Market price.

***Vine, Plant and Vegetable Manure, Thompson's.** For fruit-bearing plants, flowers and vegetables. Lb. 15 cts., 7-lb. bag 70 cts., 14-lb. bag $1.15, 28-lb. bag $1.75, 56-lb. bag $3.15, 112-lb. bag $6.25.

USEFUL BOOKS

LANDSCAPE GARDENING AND FORESTRY

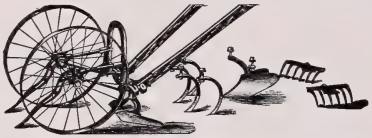
Landscape Gardening. By F. A. Waugh.....$0 75
Hedges, Windbreaks, Shelters and Live Fences. By E. P. Powell..... 50

HORSES AND THEIR CARE

Dadd's Modern Horse Doctor. By Geo. H. Dadd, V. S.....$1 00
Herbert's Hints to Horse Keepers. By the late Henry Wm. Herbert... 1 50

IRON AGE DOUBLE- AND SINGLE-WHEEL HOES, HILL AND DRILL SEEDERS

ASK FOR SET OF 1915 IRON AGE SPECIAL BOOKLETS SHOWING THE BEST AND MOST COMPLETE LINE OF FARM AND GARDEN IMPLEMENTS MANUFACTURED

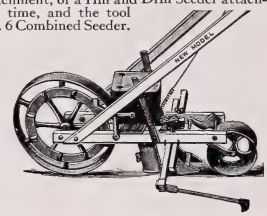


No. 1 Double- and Single-Wheel Hoe

One of the best tools made. Can be used as a single-wheel cultivator, plow or rake. **Complete, $7.** With side hoes only (as No. 3), **$4.25.** A Seeder attachment, or a Hill and Drill Seeder attachment can be added at any time, and the tool converted into a No. 4 or No. 6 Combined Seeder.

"New Model" Seed Drill

has been in use for many years, and is well known to be truly a model for satisfactory work. The wheel is large and broad; index plain and reliable, and all is first-class. **$8.**



No. 6 Combined Double- or Single-Wheel Hoe, Hill and Drill Seeder. Complete, $12.

No. 4 Combined Double-Wheel Hoe and Drill Seeder. Complete, $11.

The Gem Single-Wheel Hoe

Can be used also as plow or cultivator; has had continued demand for years. **Complete, $5.** With 5 teeth only, **$3.75.**

Iron Age Combined Barrel-Truck, Hand-Cart and Leaf-Rack

Barrel can be easily detached from truck. Truck and trunnions with 1½-inch wheels, **$7;** 2½-inch wheels, **$7.75;** 3½-inch wheels, **$8.50;** extr for barrel, **$3;** box to fit on truck, **$3.25;** leaf-rack to fit on truck, **$5.50;** sprinkler attachment, **$3.50.**

No. 15 Combined Single-Wheel Hoe, Hill and Drill Seeder. Complete, $11.

No. 18 Drill Seeder, $7.50.

No. 20 Single-Wheel Hoe. Complete, $6.

No. 12 Wheel Plow and Cultivator. Complete, $3.50. With landside plow only, **$2.50.**

SPRAY PUMPS AND SPRAYERS

The One-Man Compressed-Air and Hand-Power Spray Pump

With this Pump, one man can do the work of two. A few minutes' easy pumping compresses sufficient air to spray fifteen to twenty minutes without again touching the lever. This Pump is of exceptionally light construction, enabling the operator to draw it from place to place easily. The Pump is double-acting and practically indestructible.

The outfit is completely equipped with air-pressure gauge, fitting and flushing vents, 10 feet of hose lead, 8-foot steel pipe extension rod, with special movable handle to insure easy handling. **$30.** Send for descriptive circular.

Perfect Double-Acting Barrel Spray Pump

With brass upper cylinder and brass-lined lower cylinder; all-brass plunger; brass check valves; brass valve-rest and fitted with agitator. Barrel not included in these prices.

No. 310. The above with strainer and jet agitator.....**$6 90**

No. 311 is No 310, with 1-inch suction pipe, 15 feet of ½-inch hose, and graduated Vermorel nozzle..... **9 60**

No. 311-B is No. 311, with mechanical agitator.....**10 20**

No. 312 is No. 311, but has two leads of 15 feet of ½-inch hose and two Vermorel nozzles.....**12 00**

No. 312-C. Is No. 312, with mechanical agitator.....**13 80**

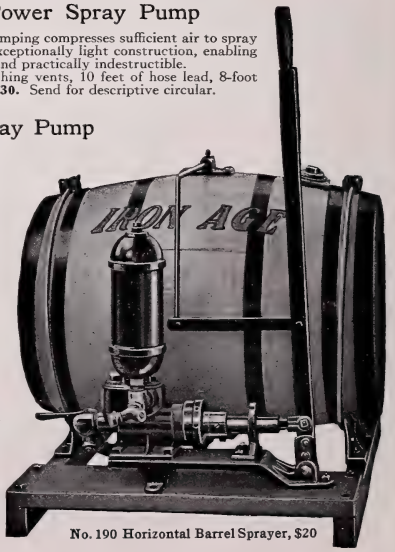
Additional Hose, 15 cts. per foot, Mechanical Agitator, 60 cts.; 8-foot Steel Extension Pipe, 35 cts.

Bordeaux Nozzle (furnished instead of Vermorel at same price, if specified)..... **60**

Iron Age Horizontal Barrel Sprayer, No. 190

Just what a man with a small orchard or garden wants. A hand sprayer that is easy to operate. Convenient to get at in all its parts, stable on its foundation, and so mounted that it can be placed on any conveyance and moved at will. Has a fine outside pump with high pressure. Sold with one or two leads of hose. Steel or bamboo pipe-rods for orchard spraying, and bucket strainer when ordered. **Pump and Barrel, $20.** With one lead of 15 feet of ½-inch discharge hose, one nozzle, and one nozzle strainer, **$24.15.** With 10 feet of iron pipe in two lengths, stop cock and 45° L, two movable hand-grips and one rubber drip, **$26.60;** or, with 10 feet bamboo rod, stop-cock 45° L and rubber drip, in place of preceding 10 feet of iron pipe, etc., **$27.55.** *Extra leads of hose, each **$3.40.** *Bucket strainers, each, **$1.70.**

Pamphlets giving complete descriptions of Iron Age, Paragon, Standard and Auto Sprayers and One-Man Pumps sent on application.



No. 190 Horizontal Barrel Sprayer, $20

SPRAY PUMPS AND SPRAYERS, continued

No. 192 Bucket Sprayer
Price, $5.50.

Iron Age Vertical Barrel Spray Pump, No. 194.

For small orchards and the garden. Fits any barrel. Working parts all outside, excepting the suction pipe and dasher. The latter works automatically and keeps solution stirred up. Valves are bronze balls, easily got at, packing hemp easily replaced. Pressure one hundred pounds when using two nozzles, greater when using only one. Can be used as a bucket pump. **Without barrel, $10.** With 15 feet of ½-inch hose and nozzle, **$14.50;** with barrel, 15 feet of ½-inch hose and nozzle, **$18.25.**

Vertical Barrel Pump, No. 191

Can be attached to any barrel with or without head. The strain in operating comes on the staves and not on the head. Is mounted outside the barrel. Any kind of solutions, hot or cold—no leather packing—easy to repack—brass ball valves, easily got at. **$13; with barrel, $18.** Fits any barrel. May be ordered with same equipment as No. 190.

Iron Age Bucket Sprayer, No. 192

For spraying home trees, bushes, etc., and for whitewashing, washing windows and wagons and other odd jobs where a small hand-pump can be used economically with good results. Is worth far more than you pay for it. 100 pounds pressure easily maintained. Can be used in any kind of solution, and whether hot or cold. Candle-wick packing. Not necessary to remove plunger for repacking. Bronze ball valves, easily got at. **$5.50.**

*Little Giant Brass Spray Bucket Pump

With agitator, complete with hose. Imperial combination, fine or coarse spray and solid-stream nozzle, with foot-rest. Weighs 8 lbs., **$3.50.**

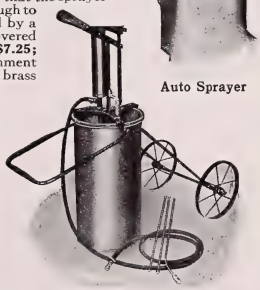
The Standard

A barrel, bucket or knapsack pump, all in one. For a small orchard or a few trees, use as a bucket pump. For a large orchard, use a barrel on sled or dray, and a long hose. For potatoes or truck crops, use with knapsack and potato attachment. With bucket hose, **$3.75;** with knapsack, **$6.25;** with 19-inch extension pipe, **$7;** extra hose, per foot, **15 cts.**

Auto Sprayer

The Auto Sprayer

Eight to ten strokes of plunger in air-chamber will compress enough air to discharge the entire contents and make a continuous spray for nine minutes. This means that the sprayer can be charged in fifteen seconds, when it will work uninterruptedly long enough to spray a quarter-acre of potatoes. The sprayer is light and, being carried by a shoulder-strap, a boy can carry it with ease and can cover ten times more area in a day than can be covered with the old-style sprayers. **Auto Sprayer, No. 1 B.,** 18 lbs., brass tank with auto-pop nozzle, **$7.25; Auto Sprayer, No. 1 D.,** weighs, 18 lbs., galvanized tank with auto-pop nozzle, **$5.** Two-row attachment for spraying two rows at one time, **$1.35;** two feet of brass extension pipe, **45 cts.;** steel, **35 cts.;** brass elbows for spraying under vines, **90 cts.;** torch **90 cts.;** brass strainer for straining solution, **90 cts.**



The Paragon Sprayer

The Paragon Sprayer

For whitewashing, water-painting, disinfecting, spraying trees, vines, and many other purposes. **No. 3 Sprayer,** holds 12 gallons, **$15. No. 5 Sprayer,** holds 30 gallons, mainly for trees, **$25.**

*Kinney Atomizer

To distribute liquid fertilizer or to temper hot and cold water under water-pressure. Connect between sections of hose and lower into the barrel or tank. Weighs 10 ozs. **$1.75.**

Daisy Force Pump

Cheap and effective. Will throw a steady stream 40 to 50 feet. **$1.**

USEFUL BOOKS

POULTRY AND BEES

Making Poultry Pay. By Edwin C. Powell	$1 00
Profits in Poultry	1 00
The New Egg Farm. By H. H. Stoddard	1 00
Poultry Feeding and Fattening. By G. B. Fiske	50
Turkeys, and How to Grow Them. By Herbert Myrick	1 00
Quimby's New Bee-Keeping. By L. C. Root	1 00

VEGETABLE CROPS

Vegetable-Gardening. By R. L. Watts	1 75
The Home Vegetable-Garden. By Adolph Kruhm	1 00
The Potato. By Sam'l Fraser	75
Practical Potato-Culture. By E. A. Rogers	50
Tomato-Culture. By Will W. Tracy	50
Bean-Culture. By Glenn C. Sevey, B. S.	50
Celery-Culture. By W. R. Beattie	50
The New Onion-Culture. By T. Greiner	50
Melon-Culture. By J. Troop	50
Cabbage and Cauliflower. By C. L. Allen	50
Asparagus. By F. M. Hexamer	50
Mushrooms, How to Grow Them. By Wm. Falconer	1 00
The New Rhubarb-Culture. By J. E. Morse	50

FRUIT CROPS

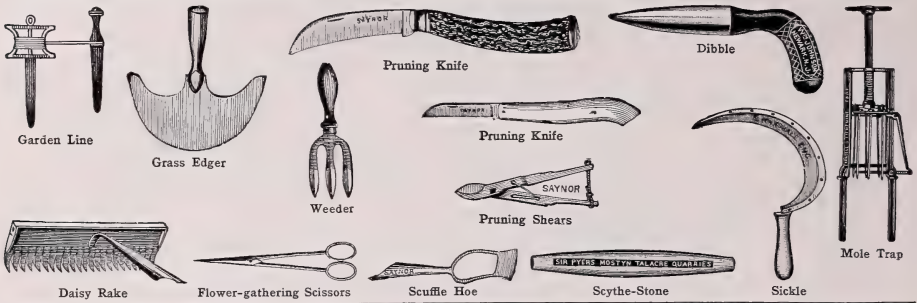
American Fruit Culturist. By Jno. J. Thomas	$2 50
The American Apple Orchard. By F. A. Waugh	1 00
The American Peach Orchard. By F. A. Waugh	1 00
Plums and Plum-Culture. By F. A. Waugh	1 50
Fruit Harvesting, Storing, Marketing. By F. A. Waugh	1 00
Pear-Culture for Profit. By P. T. Quinn	1 00
Quince-Culture. By W. W. Meech	1 00
Peach-Culture, By Hon. J. Alex. Fulton	1 00
The Grape Culturist. By A. S. Fuller	1 50
Small-Fruit Culturist. By A. S. Fuller	1 00
Strawberry Culturist. By A. S. Fuller	25

INSECTS AND PLANT DISEASES

Fumigation Methods. By Willis G. Johnson	1 00
Spraying Crops. By C. M. Weed	50
Insects Injurious to Vegetables. By F. H. Chittenden	1 50
Insects and Insecticides. By Clarence M. Weed	1 50
Injurious Insects of the Farm and Garden. By Mrs. Mary Treat	1 50

BUILDINGS AND CONVENIENCES

Homes for Home-Builders. By W. D. King	1 00
Barn Plans and Outbuildings	1 00



MISCELLANEOUS SUPPLIES

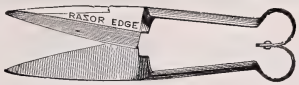
Each

*Aprons, Gardeners' Rubber. 32 ozs. $1 75
*Asparagus Knives, Curved Edge. 8 ozs. 40
*Straight Blade. 8 ozs. 40
Asparagus Buncher, with Knife Guard 1 75
*Bellows, Woodason's—Large, Double-Cone, Powder. 3 lbs. 3 00
*Large, Single-Cone, Powder ..... 2 lbs., $2; small, 21 ozs. 1 15
*Large, Liquid-Spraying. 2 lbs., $2; smaller size, 23 ozs. 1 50
*Sulphur. For sulphur and other powders, 28 ozs. 1 50
*Bill Hooks. English, for trimming shrubbery. 26 ozs. 1 25
Carnation Supports, 2 rings, doz. 45 cts., per 100 $3; 3 rings, doz. 55 cts., per 100 $3.50.
Muller's. ..... doz. 75c., per 100 $4.50.
*Charcoal. 5 lbs. 30 cts., 10 lbs. 50 cts., 100 lbs. $4. .....
*Corn Knives. For cutting down cornstalks. 1½ lbs. 45
Cut-Flower Boxes. 21 x 8 x 4 in., doz. 80 cts., per 100, $5..
24 x 8 x 5 inches ..... doz. 90 cts., per 100 $6..
30 x 12 x 6 inches ..... doz. $1.70, per 100 $12..
Heavy Corrugated. 26 x 10 x 5 inches, doz. $2. 20
30 x 14 x 6 inches ..... doz. $2.50.. 25
36 x 14 x 7 inches ..... doz. $3.25.. 30
48 x 18 x 9 inches ..... doz. $4.50.. 50
*Dandelion and Plantain Puller, Bateman's. 13 ozs. 35
*Dibble. Wooden handle, steel point. Two sizes, 9 ozs. 35
15 ozs. 40
*All iron. 20 ozs. 35 cts. Brass Point, 12 ozs. 60
Dock and Thistle Cutter. With foot-rest. Three styles. ... 65
Duster for Slug-Shot ..... 2 qts. 25 cts., 4 qts. 35
*Forks, Weeding, Saynor's Long Handle. 18 ozs. 85
*Saynor's Short Handle. 14 ozs. 70
*American Steel. 8-in. handle. 7 ozs. 20
*American. Hand-forged and tempered steel. 7 ozs. 25
*American. Malleable. 8 ozs. 15
Gem 25
Fruit-Pickers. "The Bastian." . . 8-ft. pole, $1.75; 10-ft. pole 2 00
Fumigators. For fumigating greenhouses. Nos. 1, 2, 3, 4 and 5, holding ½, 1, 2, 3 and 4 pks., $1.25, $1.75, $2.25, $3.25 and 4 50
*Garden Line, Italian Hemp. Extra quality. 100 feet weighs 12 ozs. 50 ft. 35c., 100 ft. 65c., 200 ft. $1.20, 300 ft. $1.60..
*White Glazed. 50 ft. 35 cts., 100 ft. 65 cts., 200 ft. $1.20.. 300 ft. $1.60..
Garden Line Reels, with stake, 8 in., 2½ lbs. $1, 10 in. 3½ lbs. 1 50
*Glass Clamps. For supporting broken glass. ..... 25, 5 ozs., 30 cts.; 100, 18 ozs., $1.15..
*Glass Cutter, No. 1, Turret Head, Tested. 6 ozs. . 3 for $1. 35
*Glazing Points, Peerless. Nos. 1, 2 and 2½, 18, 19 and 20 ozs. Per 1,000, 60 cts. ..
*Siebert's. ⅝- and ⅞-in. ..... lb. 45 cts. ..
*Brass, Naumann's. ..... per 1,000, 1½ lbs., 85 cts. ...
*Gloves, Goatskin. For handling thorny plants. 8 ozs. 1 35
*Grafting Tool. Best English steel. 4 ozs. 60
*Grafting Wax, Trowbridge's. ¼ lb. 10c., ½ lb. 15c., lb. 25c.
*Grass Edging Knives, Saynor's ..... 8-in., 1 lb., $1.50; 9-in., 18 ozs. . 1 75
*American. 9-in. 22 ozs. 75
Handles. Of tough, clean, second-growth ash ..... 8 ft. 40 cts., 10 ft. 50 cts., 12 ft. 65

Hanging-Baskets. Galvanized wire, 8-in., 15 cts. each, $1.50 per doz.; 10-in., 20 cts. each, $2 per doz.; 12-in., 25 cts. each, $2.50 per doz.; 14-in., 35 cts. each, $3.50 per doz.; 16-in., 45 cts. each, $4.50 per doz.; 18-in., 55 cts. each, $5.50 per doz.; 18-in., extra heavy, 75 cts. each, $7.50 per doz. Each
Hoes, Field. Solid socket, 6- and 7-inch blades . . . 50 cts. and $0 55
Field. Solid shank, 6-in. and 7-in. blades ..... 40c. and 45
Corn. Solid shank, 7½-inch blade 50
Warren. Solid socket, 7-in. blade 65
Nursery. Solid shank, square top, 6½-in. blade 50
Half-Moon. Solid shank, 6-in. blade 50
One-Prong Weeding 25
Two-Prong Weeding 30
Dig-Easy Mattock. 1⅜- and 3½-inch blades 50
German Grub, or Sprouting. 4½-inch blade 55
Triangular, or Thinning. 4½-in. triangular blade 35
Beet, Short Handle. 18-in. handle, 4-in. blade 35
Hilton Scuffle. 6-in. and 8-in. blades ..... 45c. and 55
Tomato Transplanting 50
Dutch Scuffle. 4-in., 6-in. and 8-in. blades . . 50c., 60c. and 75
Hooks, Nurserymen's. Two 9-in. steel prongs 1 15
Potato. Four oval tines 65
Grape. Two prongs 90
Hose, Rubber (including couplings), Beckert's Seed Store Brand. ½-in., in 50-ft. lengths, $8.50; 25-ft. lengths, $4.50; ¾-in., in 50-ft. lengths, $9.50; 25-ft. lengths, $5.
Electric. ¾-in., in 50-ft. lengths, $11; 25-ft. lengths, $6.
Beckert's Special Spray Hose ..... 10c. per ft.
*Hose Couplings, Perfect-Clinching, Brass. All that is needed is a hammer to bend down the clamps on the hose to make a perfect joint. ¾-in., pair, 5 ozs., 20 cts., 3 pairs for 60 cts.
*Brass, Revero. Pair, 4 ozs. 25
*Hose Menders, Perfect-Clinching. Used as the coupling above, 2 ozs. each . . . . ½-in. and ¾-in., 3 for 25 cts. 10
*Cooper's, Brass. 1½ ozs. each. ½-, ¾-, and 1-in., $1 per doz. . . 10
*Hose Mending Outfit. Two Menders, 4 Bands, 1 Plier. 9 ozs. 25
Hose Nozzles, The Allen. 9 ozs., 40 cts., Justrite, 8 ozs. 35
*Hose Reducer. To change the gauge. 3 ozs. 15
Hose Reel. All steel; capacity 100 feet of hose . . . $1.70 and 2 00
Hotbed Sash. Shipped direct to purchaser from factory, purchaser paying freight. Size 3 x 6 ft., 10 x 12 glass, cypress, painted, glazed D. S. glass and puttied . . doz. $41 3 50
Unglazed, painted one coat ..... doz. $18.. 1 60
Double Glass, with air-chamber. Made of heavier wood than single light sash. Best Sunlight Sash on the market. Size 3 x 6 ft., glazed D. S. glass and painted . . . 4 60
*Mats, Burlap. 40 x 76. 8 lbs. ..... doz. $11.. 1 00
76 x 76. 15 lbs. ..... doz. $17.. 1 50
*Waterproof. 40 x 76. 8 lbs. ..... doz. $14.. 1 25
76 x 76. 15 lbs. ..... doz. $20.. 1 75
*Immortelles. Red, Pink, Blue, White, Yellow and Purple. Bunch 50 cts., doz. $5.50..
*Knives, Budding, Saynor's. One blade, straight or curved. 2 ozs. 1 50
*Small. Two blades. 2 ozs. 50

Trowel

Transplanting Trowel



Grass Shears

Disston's Double-edge Saw

Hedge Shears

Turfing Spade

Brass Syringe

Tree Pruners

MISCELLANEOUS SUPPLIES, continued

***Knives, Pruning, Saynor's.** Staghorn handle. 6 ozs. Each
No. 313 ..... $1 15
No. 938 ..... 1 50

***Concave Potato.** 2 ozs. 15

Labels, Pot. Painted wooden— 100 1,000
*4-inch. 100 weigh 6 ozs. $0 12 $0 90
*5-inch. 100 weigh 7 ozs. 20 1 25
*6-inch. 100 weigh 8 ozs. 25 1 50
*8-inch. 100 weigh 24 ozs. 35 3 25

Garden. 8-inch; 1⅛ inch wide. 100 weigh 30 ozs. 50
*10-inch; 1¼ inch wide. 100 weigh 40 ozs. 65
12-inch; 1¼ inch wide. 100 weigh 48 ozs. 80
14-inch; 1½ inch wide. 100 weigh 7¼ lbs. 1 75
16-inch; 1½ inch wide. 100 weigh 9½ lbs. 2 00

Horticultural. Iron. 15 cts. each, $1.75 per doz. . 13 00

***Tree.** Painted; copper-wired; 3½-inch. 100 weigh 7 ozs. 25 1 50

***Zinc.** For pots; 6 in. 100 weigh 3 lbs. . doz. 15 cts. . 1 10
*For trees and shrubs, wired. 100 weigh 8 ozs. doz. 8 cts. . 60 Each

***Lawn Sprinklers—New Comet.** 3¾ lbs. $3 50
***California.** 4¼ lbs. 1 25
***The Cyclone.** 4½ lbs. 1 25
***The Busy.** 1½ lbs. 75
***Pluvius.** 3¼ lbs. ..... $1.25 ***Brass Ring.** 1 lb. 60
***C. B. G. "Cheap But Good."** 1¼ lbs. 35

***Nozzles, Gibb.** 9 ozs. 35
***Pet.** Spray or solid stream. 8 ozs. 45
***Bordeaux.** 5 ozs. 65
***Vermorel.** 4 ozs. 50
***Boston Spray.** 7 ozs. 60

***Mastica.** An improved putty. Gal., 15 lbs. $1.35. . 5 gals. $6.50. .

***Mastica Machine.** For applying Mastica. 28 ozs. 1 40

***Mole Traps, Out-of-Sight.** 28 ozs. 75
***Reddick.** 28 ozs. 90
***English.** For hotbeds. 12 ozs. 40
***Moss, Green Log.** Sq. yd., weighs 3 lbs., 50 cts.; crate, $3.50. .

Sphagnum, Dried. Per bale of 10 bbls. $5.50, bbl. $1.25. .

***Paper, Tissue.** ..... Ream, 9½ lbs., $1. .
***Waxed.** 24 x 36 inches ..... Ream, 12 lbs. $2.50. .
***Waxed Tissue, Green.** Ream weighs 12 lbs., $3. .

***Pencils, Wolff's Indelible.** For writing on labels, postpaid. 10

***Plant-protecting Cloth** ..... Medium grade, yd. 9c., bolt of 60 yds, weighs 14 lbs. 4 50

Plant-Tubs. Made of red cedar, with galvanized hoops.
A. 8-in. diam., 6 in. deep 25
B. 9 in. diam., 8 in. deep 35
C. 10 in. diam., 9 in. deep 55
D. 11 in. diam., 10 in. deep 65

Union. Made of ⅞-in. red cedar, light, neat, durable; painted green, with electric-welded hoops.

Outside diameter Top	Bottom	Depth	
No. 1 ..... 12 in.	10 in.	11 in.	75
No. 2 ..... 13 in.	10 in.	12 in.	95
No. 3 ..... 14 in.	12 in.	14 in.	1 25
No. 4 ..... 16 in.	13 in.	15 in.	1 50
No. 5 ..... 19 in.	16 in.	18 in.	2 25
No. 6 ..... 22 in.	20 in.	19 in.	2 85
No. 7 ..... 25 in.	22 in.	22 in.	4 00
No. 8 ..... 26 in.	24 in.	23 in.	4 85

Plant-Tubs, White Cedar. Painted green; hoops, handles and leg-castings painted black.

Diameter	Height	Each	Diameter	Height	Each
No. 8	12 in.	10 in. $1 80	No. 3	21 in.	18 in. 4 15
No. 7	13 in.	11 in. 2 10	No. 2	23 in.	20 in. 5 05
No. 6	14 in.	12 in. 2 40	No. 1	25 in.	22 in. 5 60
No. 5	16 in.	14 in. 3 00	No. 0	27 in.	24 in. 6 30

Potting Soil, Prepared. Pk. 25 cts., bus. 75 cts.

Each Doz.
***Pot Hangers.** No. 1, doz. 5 ozs., for 3- to 5-in pots . . . $0 03 $0 30
No. 2, doz. 6 ozs., for 5- to 8-in. pots 04 40
No. 3, doz. 9 ozs., for 8- to 12-in. pots 05 50

Each
Powder Gun, Little Giant $5 00

***Putty Bulbs.** For applying mastica and putty. 10 ozs. 1 00

***Putty, Twemlow's English.** Gal. (16 lbs.) $1.50, 5 gal. $7.25.

***Raffia.** For tying ..... Lb. 20 cts., 5 lbs. 90 cts.

Rakes, Daisy. English. For removing dandelions and other weeds from the lawn. Made of best steel. 16 teeth 3 00
20 teeth 3 50

Lawn, The Gibb 40

Automatic. Self-cleaning .....
22-, 26-, 38- and 50- toothed, 55 cts., 60 cts., 90c. and 1 00

The Ole Oleson. Does not tear the grass 50

Wooden. Ordinary 35

Steel ..... 12-, 14- and 16-toothed, 50 cts., 55 cts. and 65

***Saws, Pruning, Disston's Double-edge** .....
18 in., 12 ozs., 85c.; 20 in., 14 ozs., 90c.; 22 in., 15 ozs.. 1 00

***Pruning, Disston's Single-edge** .....
18-in., 12 ozs., 75c.; 20-in., 14 ozs., 85c.; 22-in., 16 ozs. . . . 95

***Pruning, Triangular, Disston's.** 27 ozs. 1 00

***Pruning, Searight.** Blade can be turned to any angle. 24 ozs. . . 1 00

***Tree Pruning, Socket, Saynor's.** 16-in., 16 ozs. 1 00

***Tree Pruning, "The Orchard."** Without handle. 16 ozs. 1 15

***Scissors, Grape-thinning.** 7-in. 5 ozs. 40

***Flower-gathering.** 8- in. 3 ozs. 75

Scythes, Lawn, English. 36-in. 1 35

Lawn, Austrian, No. 085. 28-in. and 30-in. blades, $1.10 and 1 20

No. 04. 30-in. and 34-in. blades ..... $1.10 and 1 20

No. 1 R. R. 30-in. and 32-in. blades ..... $1 and 1 10

***Scythe-Stones, Welsh Talacre.** 30 ozs. ..... doz. $1.70. . 15

***Seed Sowers, Broadcast, Cahoon.** 5½ lbs. 3 25

***Cyclone.** 6 lbs. 1 75

***Shears, Grass Border, English.** .....
8-in., 5½ lbs., $2; 9-in., 5⅝ lbs., $2.25; 10 in., 5¾ lbs. 2 50

***Grass Border, English.** One wheel, 9-in. blade. 5½ lbs. 2 50

***Lawn, Saynor's.** 9 in., 6 lbs. 2 50

***Lopping, English.** 2½-in. blade, 2¾ lbs., $2; 3-in. blade, 3 lbs., $2.25; 4-in. blade, 3¼ lbs. 2 75

***Lopping, The Searight.** 4 lbs. 1 15

Hedge, English. With spring notch. 8-in. blade, 3 lbs., $1.50; 9-in., 3½ lbs., $1.75; 10-in., 4 lbs. 2 00

Hedge, "The Unique." 5 00

***Sliding Pruning, Saynor's.** Small, 1 lb., $2.50; large, 4 lbs. 3 50

***Pruning.** French wheel-spring. 7-in., 8 ozs., $1.25; 8-in., 11 ozs., $1.35; 8½-in., 14 ozs., $1.45; 9-in., 16 ozs., $1.75; 10-in., 19 ozs. 2 00
Extra springs. 2 ozs. 25

***Pruning, French, "Montreuil."** 8-in., 12 ozs. 2 75

***Pruning, French, "Aubert."** 12 ozs. 2 50

***Pruning, Swedish.** Double cut. 14 ozs. 1 25

***Pruning, Swedish, No. 1015.** 6¾-in., 6 ozs. 40

MISCELLANEOUS SUPPLIES, continued

Each

*Shears, Pruning, Swedish. Knurled handles. 9-in., 15 ozs. $1 00
*Pruning, Swedish, No. 501. 8¾-in., 13 ozs. 50
*Pruning, Searight, No. 808. 17 ozs. 75
*Pruning, Ladies' Nickel-plated. 6¾-in., 6 ozs. 1 00
*Grass, Saynor's. Inside spring. 7½in., 16 ozs. 1 65
*Grass, English, No. 3075. 6-in., 16 ozs., $1; 7-in., 17 ozs. 1 25
*Grass, English, No. 357. 5½-in., 10 ozs. 35

Sickles, or Grass Hooks, English. Riveted back, No. 2. 50
Austrian. No. 414-2 and 660-2 40
Austrian No. 8½ 30
Blue Ribbon 50

Sieves. ⅛-, ⅛-, ¼- and ½-in. mesh 65

Spades, Steel, Otsego. Best quality, polished 1 15
Turfing, English. For lifting sod 4 00
Transplanting 1 25

Spading Forks. 4-tine; best quality .90 cts. and 1 15

*Sprayers, Vaporizing. Tin. 14 ozs. 40
*Compressed Air. Continuous and fine spray; brass. 16 ozs. 1 00

Sprayometers. For testing lime-sulphur solution 1 00

*Sprinklers, Rubber. No. 1. Plain or valvular. 9 ozs. 1 00
*Rubber. No. 1. Angle-neck. 9 ozs. 1 00

*Stakes, Cane. Can be cut in lengths to suit.

	100	500	1,000
6 to 9 ft.	$1 00	$4 50	$8 75
9 to 12 ft., extra heavy	1 80	8 50	16 00

Wooden, Round Tapering. Painted green.

	Each	Doz.	100
*1½ ft. 2 lbs. per 100	$0 02	$0 16	$1 00
*2 ft. 3½ lbs. per 100	03	26	1 70
*2½ ft. 4½ lbs. per 100	04	38	2 40
*3 ft. 7 lbs. per 100	05	50	3 20
*3½ ft. 9 lbs. per 100	06	60	4 00
4 ft.	07	70	4 80
5 ft.	08	85	5 60

Stakes, Heavy Dahlia or Rose. Painted green.

	Each	Doz.	100			Doz.	100
3 ft.	$0 07	$0 70	$4 85	4 ft.	$0 10	$1 10	$6 50
3½ ft.	08	85	5 70	5 ft.	12	1 25	8 15
				6 ft.	15	1 55	9 80

Galvanized. No. 9

	Doz.	100	1,000		Doz.	100	1000
2½ ft.	$0 15	$0 75	$6 50	3½ ft.	$0 18	$1 00	$9 00
3 ft.	16	85	7 75	4 ft.	20	1 15	10 50
				5 ft.	25	1 40	13 00

Hyacinth. Painted green.
*12 in. 100 weigh 10 ozs. 05 25 1 50
*18 in. 100 weigh 18 ozs. 08 40 2 00

Syringes, Brass, Saynor's— Each
*No. 00, 12-in. barrel, 1½ in. diam.; 1 jet, 1 spray. 24 ozs. $2 00
*No. 1½, 16-in. barrel, 1¼ in. diam.; 1 jet, 2 sprays. 32 ozs. 4 50
*No. 9, 18-in. barrel, 1½ in. diam.; 1 jet, 1 spray. 52 ozs. 4 00
*No. 3, Ball Valves, 18-in. barrel, 1½-in. diam.; 1 jet, 2 sprays. 50 ozs. 5 75
*No. 5, Knuckle Joint, 16¼-in. barrel, 1½ in. diam.; 1 jet. 2 sprays. 56 ozs. 7 25

Thermometers, Greenhouse Tested .Doz. $5.50 50
Greenhouse Tested. Copper case 1 25

Thermometers, Self-Registering. Registers maximum and minimum temperatures. Copper case; 8 inches $3 50
Hotbed, or Mushroom. Brass point 1 50

*Tin Foil. For wrapping .Lb. 15 cts.

Tomato Supports $2 per doz., $14 per 100 20

*Toothpicks. For stemming .Box 10 cts.

*Torch, Asbestos. For burning caterpillars on trees. 10 ozs. 25

Tree Pruner, "The Extension." Has compound lever head and is made with a hook and side lever, calculated for heavy work. Will cut a limb 1¼ in. in diameter. Rod connecting knife-lever with handle-lever is so arranged that strain is even on both sides, giving pole double strength. With 8-ft. pole, $1.50; 10-ft., $1.80; 12-ft., $2; 14-ft., $2.25, and 16 ft. 2 50
"The Bastian." With 6-ft. pole $1.50; 8-ft., $1.75; 10-ft., $2; 12-ft., $2.25; 14-ft., $2.50; 16-ft., 2 75
*Extra knife blades. 6 ozs. 15

Tree Pruning Shears, "The Bastian." With 5-ft. pole, $2.25; 8-ft, $2.50; 10-ft., $2.60; 12-ft. 2 75

*Tree Scraper. Three-edged. 12 ozs. 30

Trellis, Wire. For vines on porches, verandas, etc. Furnished in lengths to suit.
S. Trellis .30 in. wide, per ft. 7 cts.
L. X. Trellis. 24-in. wide, per ft., 6 cts.; 30-in. wide, per ft. 7 cts.
Fan. Wooden, painted green. 18-in., 15 cts.; 24-in., 25 cts.; 30-in., 35 cts.; 36-in., 40 cts.; 42-in., 50 cts.; 48-in. 60
Veranda. Wooden, painted green. 2 ft., 30 cts.; 3 ft., 40 cts. 4 feet, 50 cts.; 5 feet, 75 cts.; 6 feet, 95 cts.; 8 feet, $1.15; 10 feet, $1.60; 12 feet, $1.85.

*Trowels, Transplanting. Solid steel shank and blade. 11 oz. 40
*Angle. 7-in. blades, 7 oz., 15 cts. 8-in., blades, 8 ozs. 20
*Forged Steel. No. 211. 6-in. blade and shank one piece. 13 ozs. 45
*Steel. 6-in. blade, 12-in. handle. 12 ozs. 30
*Sheet Steel. Blade and shank one piece. 6-in., 8 ozs. 25
*Steel Shank. 12 ozs. 60

Twine, Yazoo. For stringing smilax. Spool, 4 ozs., 25c.; lb. 85 cts.
*Green. .Ball, 3 ozs., 10 cts.; lb. (8 balls), 60 cts.
*White Cotton .Ball, 3 ozs., 8 cts.; lb. (8 balls), 50 cts.

Vine Cutters. Long handles 50

Watering Cans. Heavy galvanized iron, with one coarse and one fine spray. Extra sprays, 25 cts.
4-qt., $1.60; 6-qt., $1.85; 8-qt., $2; 10-qt., $2.25; 12-qt. 2 70
Low. For greenhouses. 4-qt. 1 50

Weeders— Each
Cleveland $0 50
*Eureka. 8 ozs. 25
*Excelsior. 5 ozs. 10
*Little Jap. 4 ozs. 15
*Onion. 7 ozs. 30
*Magic. Nos. 1, 2 and 2V 30c., 35c. and 35
*Hazeltine. 6 ozs. $0 25
*Lang's. 4 ozs. 25
*Eureka, Long-Handle. 10 ozs. 30
Mehler's Handy Garden-er. 75
*The Easy. 4 ozs. 15

Wheelbarrows, Garden, No. 2. Body 28 inches long, 20 inches wide in front, 24 inches wide at back, 2¾-inch tire 5 00
No. 3. Body 26 inches long, 19 inches wide in front, 22 inches wide at back, 2¾-inch tire 4 75

Wire Fencing. Galvanized. Makes a neat, attractive and substantial fence. 35 inches high. 7 cts. per ft.; 41 inches high, 8 cts. per ft. Furnished in any length.

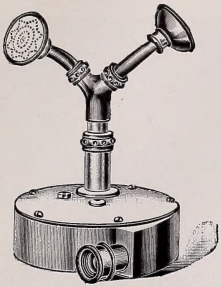
Wire, Annealed. Florists' stemming, in 12- and 18-in. lengths. Box of 12 lbs., No. 19, $1.20; No. 21, $1.25; No. 23, $1.35; No. 28, $1.40.

Anyweight Lawn Roller

ANYWEIGHT LAWN ROLLERS

Built with hollow steel drum. Boiler riveted at ends and seam and absolutely leak-proof. Entrance for weighting material is provided by a ¾-inch hole drilled through one of the cast shoulder hubs. These entrances are stopped by threaded pipe plugs. To weight the machine, turn on end, remove one of the pipe plugs by unscrewing, insert nozzle of garden hose, or use pail and pump. Fill drum to any desired weight, and your roller is ready.

No. 2424. 24-in. diam., 23¾ in. long, 115 lbs. empty, 480 lbs. filled with water $11 00
No. 2427. 24-in. diam., 27¼ in. long, 124 lbs. empty, 594 lbs. filled with water 12 00
No. 2430. 24 in. diam., 31¼ in. long, 132 lbs. empty, 624 lbs. filled with water 13 00
Keystone Lawn Roller. Weight 200 lbs. 7 50



New Comet Lawn Sprinkler (see page 61)

Flower-Pots, Saucers, etc.

Fern-Dishes—	Each	Doz.
5-in.	$0 06	$0 60
6-in.	07	70
7-in.	08	80
8-in.	10	1 00
Round Seed-Pans.—		
9-in.	20	1 50
12-in.	25	2 25
Orchid-Pots—		
5-in.	15	1 35
6-in.	18	1 80
7-in.	25	2 25
8-in.	30	2 75
9-in.	35	3 65
10-in.	50	5 30

Standard Flower-Pots. When shipped direct to the purchaser from the factory in quantities of 100 to 1,000 of a size, we allow 10 per cent discount from these prices.

	Each	Doz.	100	1,000
1¾-inch		$0 07	$0 50	$4 40
2-in.		08	55	4 80
2¼-in.		09	65	5 60
2½-in.		10	65	6 40
3-in.		14	95	8 50
3½-in.		17	1 20	10 65
4-in.	$0 02	19	1 35	12 05
4½-in.	02	23	1 70	14 90
5-in.	04	32	2 25	19 90
6-in.	06	50	3 60	31 90
7-in.	08	90	6 10	
8-in.	12	1 25	8 65	
9-in.	15	1 65	12 10	
10-in.	25	2 20	16 15	
11-in.	35	3 25		
12-in.	45	4 50		
13½-in.	65	6 35		
15-in.	85	9 00		
16-in.	1 50			
18-in.	2 25			

***Paper Flower-Pots, Neponset—**

	Weight per 100	Doz.	100	1,000
2¼-in.	36 ozs.	$0 08	$0 35	$3 00
2½-in.	48 ozs.	10	40	3 25
3-in.	52 ozs.	12	55	4 50
3½-in.	80 ozs.	18	70	6 00
4-in.	92 ozs.	20	85	7 50
5-in.	10 lbs.	25	1 35	12 50
6-in.	16 lbs.	30	1 80	17 00

Fern- and Seed-Pots—

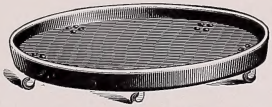
	Each	Doz.	100
5 x 3¼ in.	$0 05	$0 40	$2 80
6 x 3¼ in.	06	60	4 40
7 x 3¾ in.	08	85	6 05
8 x 3½ in.	11	1 10	8 55
9 x 3½ in.	15	1 65	12 10
10 x 3½ in.	20	2 00	14 75
11 x 3¾ in.	30	2 70	
12 x 4 in.	35	3 25	

MISCELLANEOUS SUPPLIES, continued

Azalea- and Bulb-Pots—

Width.Depth	Each	Doz.	100
4 x 3 in.	$0 04	$0 25	$1 30
5 x 4 in.	05	40	2 80
6 x 4½ in.	06	60	4 40
7 x 5 in.	08	85	6 05
8 x 5½ in.	11	1 10	8 55
9 x 6 in.	15	1 65	12 10
10 x 6½ in.	25	2 20	16 15
11 x 7½ in.	30	2 65	
12 x 8 in.	35	3 80	
13½ x 8½ in.	45	4 90	
15 x 8½ in.	70	6 50	

Flower-Pot Saucers—	Each	Doz.
4-in.	$0 02	$0 15
5-in.	02	18
6-in.	02	20
7-in.	03	30
8-in.	04	40
9-in.	04	45
10-in.	06	60
12 in.	09	95
13½-in.	17	1 85
15-in.	19	2 00
Wood-Fiber Saucers—		
4-in.	10	1 13
5-in.	12	1 32
6-in.	13	1 37
7-in.	14	1 48
8-in.	15	1 60
9-in.	16	1 76
10-in.	17	1 92
12-in.	19	2 20
14-in.	26	2 90
16-in.	44	5 07
18-in.	55	6 06



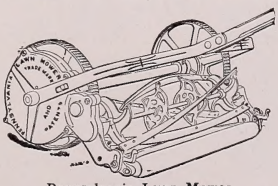
Wood-Fiber Roller Stands

Wood-Fiber Roller Stands. Hardwood rollers and ball-bearing casters. Save carpets and floors. Will not soak or rust.

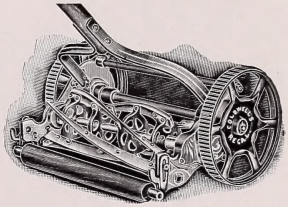
	Each
12-in. diameter for 10-in. pot	$0 57
14-in. diameter for 12-in. pot	67
16 in. diameter for 14-in. pot	80
18 in. diameter for 16-in. pot	92
20 in. diameter for 18-in. pot	1 10
22 in. diameter for 20-in. pot	1 40

Wood-Fiber Vases for cut-flowers. Neat and durable.

	Inside diam.	Inside depth	Each
No. 0	8 in.	13 in.	$0 62
No. 1	5½ in.	10 in.	54
No. 2	4½ in.	9 in.	47
No. 3	4 in.	6 in.	40
No. 4	3 in.	4½ in.	35
No. 00	9 in.	22 in.	2 35
No. 11	5½ in.	18 in.	62
No. 22	4½ in.	15 in.	54
No. 33	4 in.	12 in.	47
No. 44	3 in.	9 in.	40
No. 000	9 in.	29 in.	2 90



Pennsylvania Lawn Mower



Regal Lawn Mower

REGAL BALL-BEARING LAWN MOWER

The highest grade of Mower on the market, unexcelled in material, workmanship and finish. Its five blades in the revolving cutter insure a fine, even cut, and the large-diameter drive-wheels and its fine-cut gear insures ease and quietness of running.

14-in., $9; Regal Grass Catcher, to suit, $1.60
16-in., $10; Regal Grass Catcher to suit, $1.75
18-in., $11; Regal Grass Catcher to suit, $1.85
20-in., $12; Regal Grass Catcher to suit, $1.95

PENNSYLVANIA LAWN MOWER

15-in., $12; Braun Grass Catcher to suit, $1.75.
17-in., $13.50; Braun Grass Catcher to suit, $1.85.
19-in., $15; Braun Grass Catcher to suit, $2.
21-in., $16.50; Braun Grass Catcher, to suit, $2.10.

PHILADELPHIA LAWN MOWER

High Wheel, Style A. 15-in. $10.25; 17-in. $11.25; 19-in. $12.25; 21-in. $13.25.
High Wheel, Style E. 15-in., $7.85, 17-in. $8.60, 19-in. $9.25, 21-in. $11.90.

PENNSYLVANIA GOLF BALL-BEARING MOWER

The aristocrat; seven blades.

17-inch	$21 00
19-inch	23 00
21-inch	25 00

GEARED ROLLER MOWER

Four-bladed. 10-in., $9.75; 12 in., $10.75.

Six-bladed, for golf-links. 14-in., $12; 16-in., $13; 18-in., $14; 20-in. $15.

Four-bladed for edging. 14-in., $11; 16-in., $12.50; 18-in., $13.50; 20-in., $14.50.

RAJAH LAWN MOWER

14-in. cut	$8 50
16-in. cut	9 25
18-in. cut	10 00

COLONIAL LAWN MOWER

A good Mower at a low price. Four-blade reel, 8¼-in. wide wheels, best steel cups; ball-bearing. 14-in. $5, 16-in. $5.25, 18-in. $5.50.

CADET LAWN MOWER

14-in. cut	$4 50
16-in. cut	5 00

PENNSYLVANIA GRAND HORSE LAWN MOWER

	4 knives	6 knives
30-inch cut, complete with shafts, seat, etc.	$78 00	$87 00
38-inch cut, complete with shafts, seat, etc.	100 00	108 00

MISCELLANEOUS SUPPLIES, continued

COLDWELL'S HORSE LAWN MOWER

This is one of the best and most perfect Horse Lawn Mowers manufactured. It is used exclusively by the government, and on the largest public and private lawns in the country. These Mowers are furnished with shafts, seat and side-draft attachment, which keeps the horse on the cut grass only. Price, 4-blade cylinder, 30-in. cut $60; 35-in. cut, $75; 40-in. cut, $90. For 6-blade cylinder, add $6 to the price of each size.

PHILADELPHIA EAGLE HORSE LAWN MOWER

Five blades, open cylinder, 7¼ inches in diameter. Driving roller 14 inches high.

30-inch, with seat, shaft and side draft attached ..... Each $70 00
35-inch, with seat, shaft and side-draft attached 87 00
40-inch, with seat, shaft and side-draft attached 105 00

LAWN TRIMMERS AND EDGERS

	Each
The Coldwell	$5 00
The Philadelphia	5 00

LAWN SWEEPER

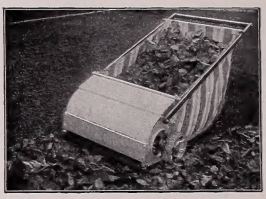
The Pennsylvania. This Lawn Sweeper will do the work of three men, and will do it thoroughly. 24-in. rake, $16; 36-in. rake, $25.

Lawn Seeder, "Velvetlawn." Valuable for seeding new, as well as re-seeding old lawns. Distributes the seed very evenly in quantities desired. $14.50 each.

Excelsior Seeder. One-horse power. For seeding large lawns, parks or golf-courses. $48 each.

HORSE LAWN BOOTS

Leather. These are perfect. Are fastened to the horse's foot, not to the ankle, giving free action and no chafing. Sole is hardened and filled with steel rivets. No stitching; waterproof. Set of four, $9.



GRASS CATCHERS

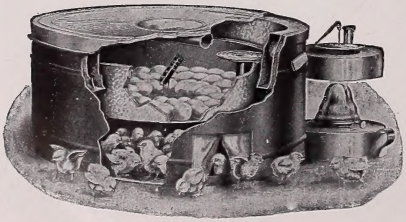
The Easy. Fits any size and style of mower.
A. Fits 12-, 14- and 16-in. mowers .. $1 25
B. Fits 16-, 17- and 18-in. mowers .. 1 45
D. Fits 18-, 19-, 20- and 21-in. mowers 1 55

Philadelphia Grass Catcher.
15-in. 1 90
17-in. 2 00
19-in. 2 15
21-in. 2 25

POULTRY, BIRD AND OTHER SUPPLIES

Ant Eggs. Lb. 75 cts.
Beef Meal. 5 lbs. 20 cts., 10 lbs. 35 cts., 25 lbs. 70 cts., 50 lbs. $1.35, 100 lbs. $2.50.
Beef Scrap. 4 lbs. 25 cts., 10 lbs. 45 cts., 25 lbs. $1, 50 lbs. $1.75, 100 lbs. $3.25.
Blackhead Remedy, Conkey's. Pkg. 50c.
Bone Meal. 5 lbs. 25 cts., 10 lbs. 40 cts., 25 lbs. 75 cts., 50 lbs. $1.25, 100 lbs. $2.
Bronchitis Remedy, Conkey's. 50 cts.
Buckwheat. Qt. 10c., pk. 35c., bus. $1.25.
Canada Peas. Qt. 10 cts., pk. 55c., bus. $2.
Canary Seed. Mixed. Lb. 12c., 3 lbs. 35c.
Canary Sicily. Lb. 12 cts., 3 lbs. 35 cts.
Charcoal, Esso. Fine, medium and coarse. 2½-lb. pkg. 15 cts.
Charcoal, Granulated. 5 lbs. 25 cts.
Chick-Food, Baby, Pratt's. Lb. pkg. 10 cts., 3-lb. pkg. 25 cts., 6½-lb. pkg. 50c.
Chick Manna. Lb. 10 cts., 5 lbs. 40 cts., 15 lbs. $1.10, 60 lbs. $4.20.
Chick Starting Food, Conkey's. Lb. 10 cts. 3 lbs. 25 cts., 6½ lbs. 50 cts.
Chicken-pox Remedy, Conkey's. Pkt. 50c.
Cholera Remedy, Conkey's. Pkg. 25 and 50c.
Cholera Remedy, Pratt's. Pkg. 25 cts.
Condition Powders, Rust's. 13-oz. box, 25 cts., 2-lb. box 50 cts., 5-lb. box $1.
Corn, Pigeon. 50 lbs. $1.60, 100 lbs. $3.
Dog Biscuits. Pkg. of 12 cakes, 25 cts.
Egg Mash. 5 lbs. 20 cts., 25 lbs. 75 cts., 100 lbs. $2.25.
Egg Producer, Rust's. 1-lb. box 25c., 2½-lb. box 50c., 6-lb. box $1.
Fish-Food. Box 10 cts., doz. $1.
Gape Remedy. Conkey's. Pkg. 25c. and 50c
Gape Remedy, Pratt's. Pkg. 25 cts.
Granulated Bone. 6 lbs. 25c., 10 lbs. 40c., 25 lbs. 80c., 50 lbs. $1.50, 100 lbs. $2.70.
Grit Flint. 15 lbs. 25 cts., 50 lbs. 45 cts.
Grit Phosphate Rock. 5 lbs. 20 cts., 10 lbs. 35 cts., 50 lbs. $1.10, 100 lbs. $2.
Head Lice Ointment, Conkey's. Pkg. 10 cts. and 25 cts.
Healing Salve, Conkey's. Pkg. 25 cts.
Hemp. Lb. 10 cts., 3 lbs. 25 cts., 100 lbs. $6.75.
Kaffir Corn. 10 lbs. 40 cts., 25 lbs. 85 cts.
Insect Powder, Persian. ¼lb. 15c., lb. 45c.
Laying Tonic, Conkey's. 1½ lbs. 25 cts., 3¼ lbs. 50 cts.
Lettuce Seed. Lb. 25 cts.
Lice Powder, Conkey's. 5 ozs. 10 cts., 15 ozs. 25 cts., 48 ozs. 50 cts.
Lice Powder, Rust's. Pkg. 10 cts., 16-oz. pkg. 25 cts.
Lice Powder. Pratt's. 5-oz. pkg. 10 cts., 1-lb. 25 cts., 2½ lbs. 50 cts.
Limber-Neck Remedy, Conkey's. Pkg. 50c.
Liquid Lice Killer, Conkey's. Qt. 35 cts., 2 qts. 60 cts.
Liquid Lice Killer, Rust's. Qt. 35 cts., ½ gal. 60 cts., gal. $1.
Maw, Blue Poppy. Lb. 15 cts., 3 lbs. 40 cts., 6 lbs. 75 cts.
Mica Grit. 15 lbs. 25 cts., 50 lbs. 75 cts., 100 lbs. 85 cts.
Millet, German. Qt. 10 cts., pk. 50 cts.
Millet, White. Lb. 10 cts., 25 lbs. $2, 50 lbs. $3.90.
Mockingbird Food. Lb. 25 cts.
Nest Eggs, Rust's Lice-Expelling. 5c. each, 50c. per doz.
Nest Eggs, Porcelain. 5 cts. each, 50 cts. per doz.
Noxicide, Conkey's. Pt. 35 cts., qt. 60 cts.
Oculum. Scientific remedy and preventive of Cholera, Roup, White Diarrhea and Sore Head. Also cure for Gapes. Per bottle, 50 cts. and $1.
Oyster Shells, Crushed. 5 lbs. 10 cts., 15 lbs. 25 cts., 50 lbs. 50 cts., 100 lbs. 75 cts.
Pigeon-Food, Prepared. 5 lbs. 25 cts., 10 lbs. 35 cts., 25 lbs. 75 cts., 100 lbs. $2.50.
Poultry Laxative, Conkey's. Pkg. 25 cts.
Poultry Regulator, Pratt's. 8-oz. pkg. 10 cts., 26 oz. 25 cts., 4 lbs. 50 cts.
Poultry Tonic, Conkey's. Pkg. 25 cts.
Poultry Worm Remedy, Conkey's. 50 cts.
Rape, German. Lb. 12 cts., 3 lbs. 35 cts.,
Rheumatic Remedy, Conkey's. Pkg. 50c.
Rice, Unhulled. Lb. 10 cts., 5 lbs. 45 cts.
Roup Pills, Conkey's. Box, 25 cts., 50 cts., and $1.
Roup Pills, Rust's. Box of 50 pills, 25 cts.; 112 pills, 50 cts.
Roup Powder, Rust's Soluble. 4-oz. pkg. 25 cts., 9-oz. pkg. 50 cts.
Roup Remedy, Conkey's. 25c., 50c. and $1.
Roup Remedy, Pratt's. Pkg. 25 cts.
Scaly-Leg Remedy, Conkey's. Pkg. 25 cts.
Scratch Food, Standard. 5 lbs. 20 cts., 25 lbs. 75 cts., 100 lbs. $2.25.
Song-Restorer. Pkg. 25 cts.
Sulphur Fumigating Candles, Conkey's. 10 cts. each, 25 cts. for 3.
Sunflower Seed. Lb. 10 cts., 3 lbs. 25 cts., 25 lbs. $1.75.
Tobacco Dust. Lb. 10 cts., 5 lbs. 30 cts., 10 lbs. 50 cts., 50 lbs. $2.25, 100 lbs. $4.25.
Wheat. 4 qts. 25 cts., pk. 40 cts., bus. $1.35.
White Diarrhea Remedy, Conkey's. Pkg. 25 cts and 50 cts.
White Diarrhea Remedy, Pratt's. Pkg. 25 cts.
Vetches, Spring. For pigeons. Pk. 90 cts., bus. $3.25.

Ask for prices on our line of Galvanized Poultry Supplies



Simplicity Combined Hatcher and Brooder

SIMPLICITY COMBINED HATCHER and BROODER

The best thing on the market in the way of a Hatcher. Easiest and simplest of all to operate. No extra expense for a brooder after the chicks are hatched. These Hatchers are made of galvanized iron and copper. Copper is really the only material to use in an incubator, costs only $1 more than the iron, lasts indefinitely. The heat-conducting property of copper is several times greater than that of iron or steel, and the saving in fuel alone will in a short time more than cover the difference in cost. Send for complete descriptive circular.

50-egg Simplicity, with 14-oz. copper heater and tank $8 50
100-egg Simplicity, with 14-oz. copper heater and tank 12 00

J. Horace McFarland Company, Horticultural Printers, Harrisburg, Pa.

GOOD soil and proper drainage are absolutely necessary to produce a good lawn. There should be no less than a foot of good surface or sandy soil,—heavy loam where possible. In light or sandy soil the grass has a tendency to burn out in hot, dry weather. Where it is necessary to grade the surface, the subsoil should be removed and replaced with good earth.

Unless the soil is sufficiently rich, apply a liberal quantity of well-rotted manure; dig or plow this in and incorporate with the soil. Rake or harrow the surface even, and after sowing the seed rake again lightly and firm the soil with a lawn-roller. Never attempt to dig, rake or roll a lawn when the ground is wet.

The best time to make a lawn is early in spring as soon as the ground is in good tillable condition, although very satisfactory results are obtained from lawns made during the summer and autumn.

When the young grass is from 3 to 4 inches high, it should be mown, but not too short, as close cropping is injurious to a new lawn. Repeat the mowing at intervals of about ten days. After the lawn is once well established, frequent rollings are beneficial, especially early in spring, after the soil and with it the roots of the grass have been drawn up by the winter's frost.

On banks and terraces, where the seed is liable to be washed off by rains before it has sprouted, a quick catch can be secured by mixing the seed with moist earth about one week before sowing; at the expiration of that time much of the seed is ready to sprout.

BECKERT'S EVERGREEN LAWN

Good seed is as necessary to make a lawn as the proper preparation of the ground. We have made many experiments to determine the grasses best adapted for lawn purposes, and the above mixture is composed of a combination, in proper proportions, of the best natural lawn grasses, so as to produce a continuous good lawn from early spring throughout the summer until late in fall.

The ingredients of this mixture are the highest grade of recleaned seeds only. This Lawn Seed is sold by the standard bushel of 32 quarts (dry measure) and weighs 24 pounds to the bushel.

Lawn Seeds are generally sold on a basis of 14 pounds to the bushel, which will invariably fall one-third or more short of actual measure if composed of choice clean seeds, and where a bushel of 14 pounds holds out in measure, it must of necessity be largely composed of light, chaffy matter of no value.

Use 1 qt. to 300 sq. ft., 4 to 5 bus. to the acre. Qt. 20 cts., postpaid 27 cts.; 2 qts. 35 cts.; 3 qts. 50 cts., 4 qts. 60 cts., pk. $1.15, ½bus. $2.25, measured bushel of 24 pounds, $4.50, or $2.65 for a bushel of 14 pounds.

PUTTING-GREEN MIXTURE

The very finest, hardy, low-growing grasses are contained in this mixture, producing a close and lasting green turf. Qt. 30 cts., postpaid 37 cts.; pk. $1.75, ½bus. $3, bus. of 20 lbs. $6.

SHADY-NOOK LAWN MIXTURE

A mixture of grasses best adapted for sowing in shady places where other grasses will not thrive. In nearly all lawns where there are trees, there will be found bare, unsightly spots which can be made green and bright by using this mixture. Qt. 25 cts., postpaid 32 cts.; pk. $1.75, ½bus. $3, measured bus. of 20 lbs. $6.

GOLF-LINKS MIXTURE

Composed of such grasses as will produce a turf suitable for golf-links, cricket-tables or polo-grounds. Qt. 20 cts., postpaid 27 cts.; pk. 90 cts., bus. of 20 lbs. $3.50.

LAWN FERTILIZERS

Stable manure should never be used as a top-dressing on a lawn, as it always contains large quantities of noxious weed seeds.

LAWN AND GARDEN FERTILIZER. A high-grade fertilizer, especially prepared for us. When applied to the lawn, it produces a rapid and rich green growth of grass and can be applied in the fall or spring. When used in the garden, it can be applied before or after planting, and during the growing season several additional applications at intervals will intensify its beneficial action. Apply about 10 lbs. to 300 square feet, or 1,500 lbs. to the acre, more or less according to the condition of the soil. 10 lbs. 40 cts., 25 lbs. 85 cts., 50 lbs. $1.50, 100 lbs. $2.50, 200 lbs. $4.70, 500 lbs. $11, 1,000 lbs. $21, ton $40.

CANADIAN UNLEACHED HARDWOOD ASHES. Unequaled as a fertilizer for lawns. Acts as a stimulant and supplies natural plant-food, permanently enriching the soil. Apply in the fall or early in spring, so that the rain may carry the elements down to the roots of the grasses, producing a rapid and rich green growth. Apply 1,500 to 2,000 lbs. to the acre. Sack of 100 lbs. $1.50, 500 lbs. $6.50, 1,000 lbs. $11.50, ton $22. Nothing smaller than sack lots.

SHEEP MANURE, PULVERIZED. A most excellent stimulant, promoting a strong, healthy and rapid growth. 2 lbs. 10 cts., 5 lbs. 20 cts., 10 lbs. 35 cts., 25 lbs. 75 cts., 100 lbs. $2.10, 200 lbs. $3.90, 500 lbs. $9, 1,000 lbs. $17.50, ton $33.

LAWN SEED BY PARCEL POST. To the above prices add for postage, according to your zone rate, for the quantity you order as follows: **Beckert's Evergreen Lawn Seed:** 4 qts. equal 3 lbs.; pk. equals 6 lbs.; ½bus. equals 12 lbs. **Putting-Green, Golf-Link** and **Shady-Nook Mixtures:** 4 qts. equal 2½ lbs. (requires postage for 3 lbs.); pk. equals 5 lbs.; ½bus. equals 10 lbs.; bus. equals 20 lbs.

BECKERT'S SEED STORE

101 & 103 FEDERAL ST.

NORTH SIDE, PITTSBURGH, PA.

GARDEN, FLOWER, LAWN, AND FIELD SEEDS, BULBS, FERTILIZERS
INSECTICIDES, FUNGICIDES, HORTICULTURAL AND POULTRY SUPPLIES